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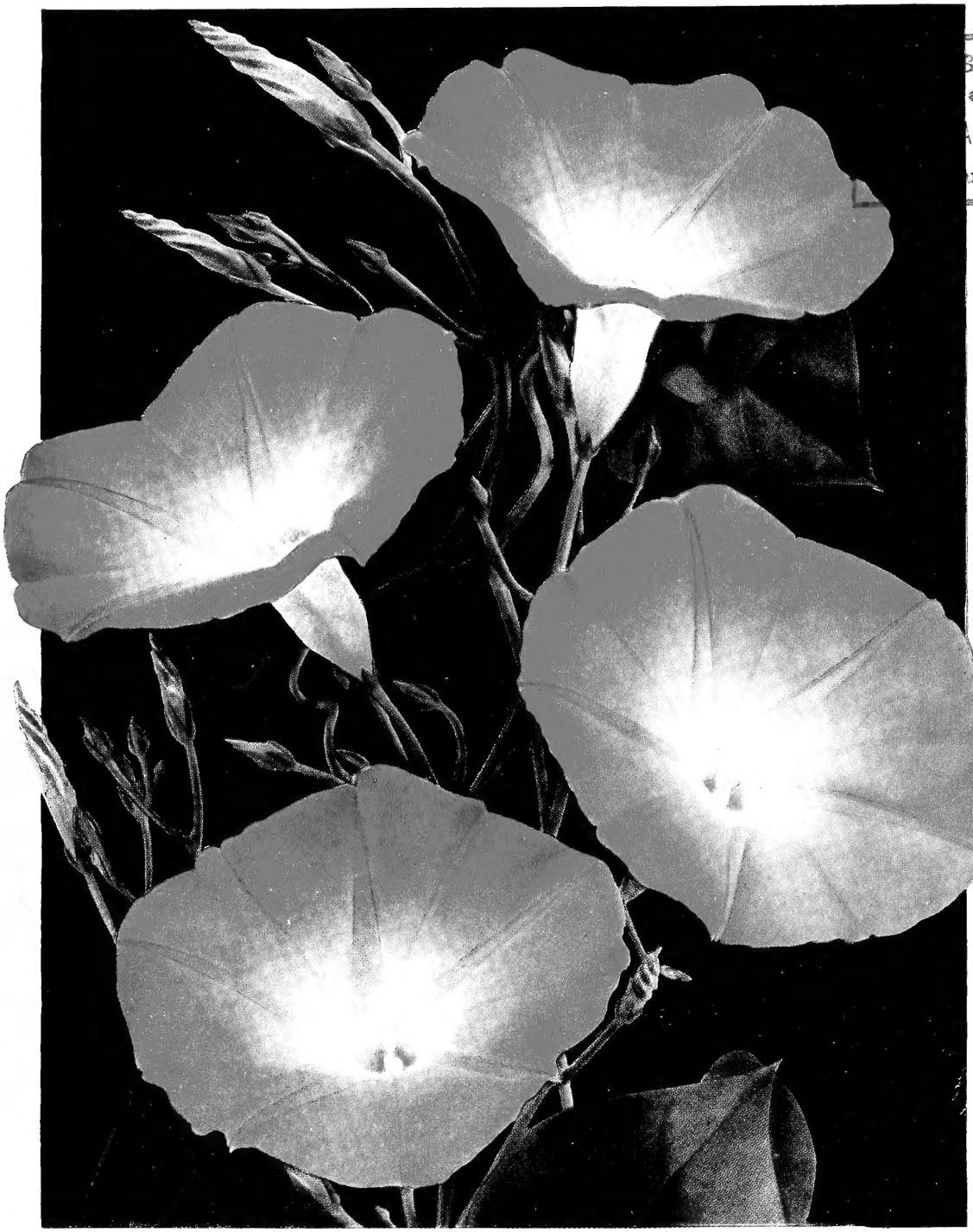


NEW HEAVENLY BLUE MORNING-GLORY **Pkt. 15 cts.**

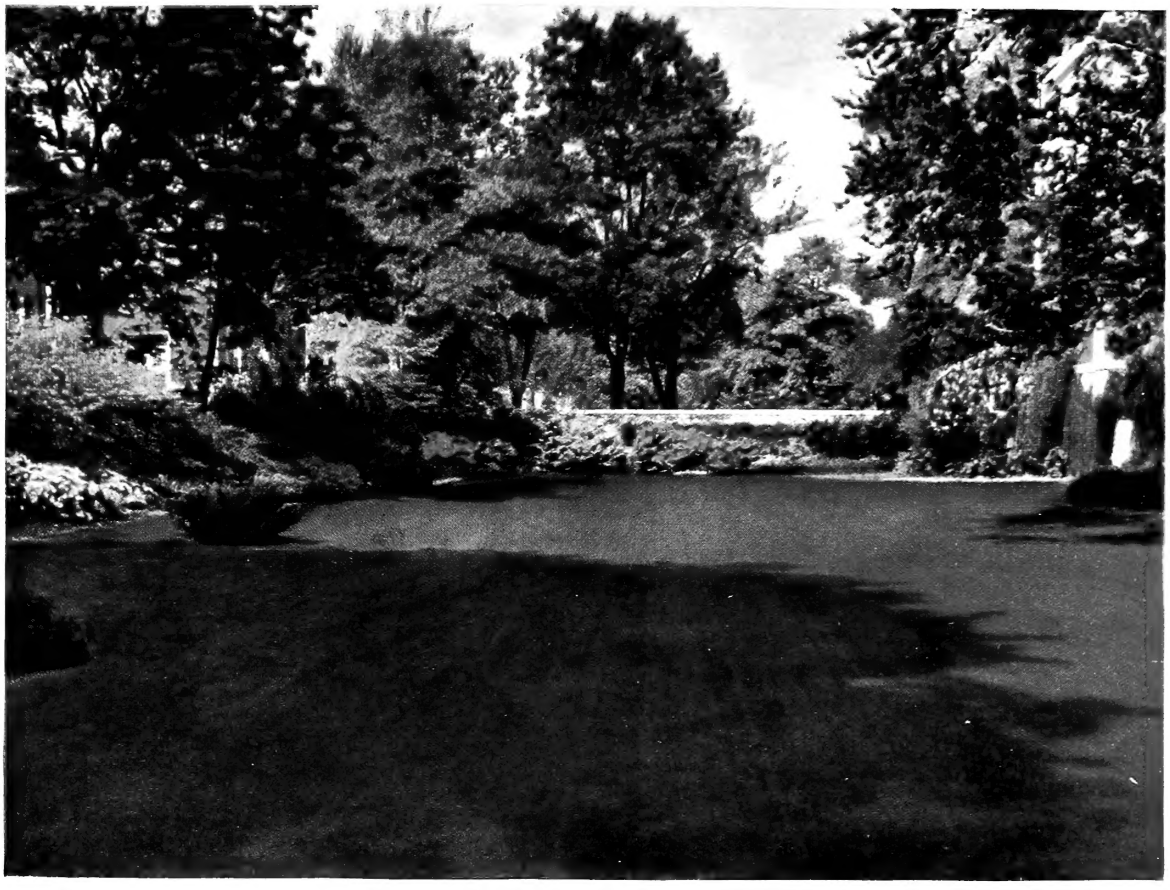
SEE PAGE 30

BECKERT'S SEED STORE
SEEDS
VEGETABLE FLOWER
BULBS
PITTSBURGH, PA.

BECKERT'S SEED STORE, INC.

103 FEDERAL STREET, NORTH SIDE

PITTSBURGH • • PENNA.



BECKERT'S Reliable Lawn Grass Mixtures

Beckert's "Special" Lawn Mixture

The utmost care and attention has been devoted to our "Special" Lawn Mixture. It comprises the finest assortment of recleaned grasses, carefully blended in the proper proportions so as to insure a perfect and luxuriant lawn of velvety green texture. The different grasses in this formula are all selected for a special purpose; some for their deep rooting and spreading nature, others for their fine leaves and color, others for their ability to make a close, dense turf and season of growth, some for their ability to thrive under trying conditions of heat and drought. Use 1 pound to 250 square feet, 100 pounds to the acre. **Lb. 65 cts.; 2 lbs. $1.20; 5 lbs. $2.85, prepaid. Not prepaid, 10 lbs. $5.50; 25 lbs. $12.75; 100 lbs. $50.00.**

Beckert's Evergreen Lawn Seed

We offer in our Evergreen Mixture a well-balanced blend of the finest and most enduring grasses we know—the result of years of study and trial. Tested and proved, we can recommend it with the highest confidence for permanent and satisfactory results under even the most trying conditions. The ingredients are the highest grade of recleaned seeds only. This lawn seed is now sold only by weight. Use 1 pound to 250 square feet, 100 pounds to the acre. **Lb. 50 cts.; 2 lbs. 95 cts.; 5 lbs. $2.25, prepaid. Not prepaid, 10 lbs. $4.00; 25 lbs. $9.50; 100 lbs. $37.00.**

Shady-Nook Lawn Seed

A mixture of grasses particularly adapted for sowing in shady places where the ordinary lawn grasses do not thrive. It will produce a bright green lawn under trees and in the shade of buildings and shrubbery where bare, unsightly spots so often appear. **Lb. 65 cts.; 2 lbs. $1.20; 5 lbs. $2.85, prepaid. Not prepaid, 10 lbs. $5.50; 25 lbs. $12.75; 100 lbs. $50.00.**

ALL LAWN MIXTURES UP TO 5 POUNDS ARE DELIVERED Free OF TRANSPORTATION CHARGES

BECKERT'S SEED STORE Inc.

103 FEDERAL STREET PHONE FAIRFAX 4210-11 N. S., PITTSBURGH, PA.

Date .....

Name .....

Street .....

Post Office .....

State .....

SHIP BY ☐ MAIL ☐ EXPRESS ☐ FREIGHT

AMOUNT ENCLOSED

Cash	
Check	
Money Order	
Stamps	
TOTAL	

NON-WARRANTY—We do not warrant in any way, expressed or implied, the contents, or description, quality, productiveness or any other matter of any seeds, bulbs or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. Subject to above conditions we make all sales.—BECKERT'S SEED STORE Inc.

Order Number .....

AMOUNT	NAME OF VARIETIES WANTED	√	PRICE	
	PLEASE place one variety only to a line; order Flower Seeds on reverse side	Do not write here	Dollars	Cents

FROM

_____

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BECKERT'S SEED STORE, INC.

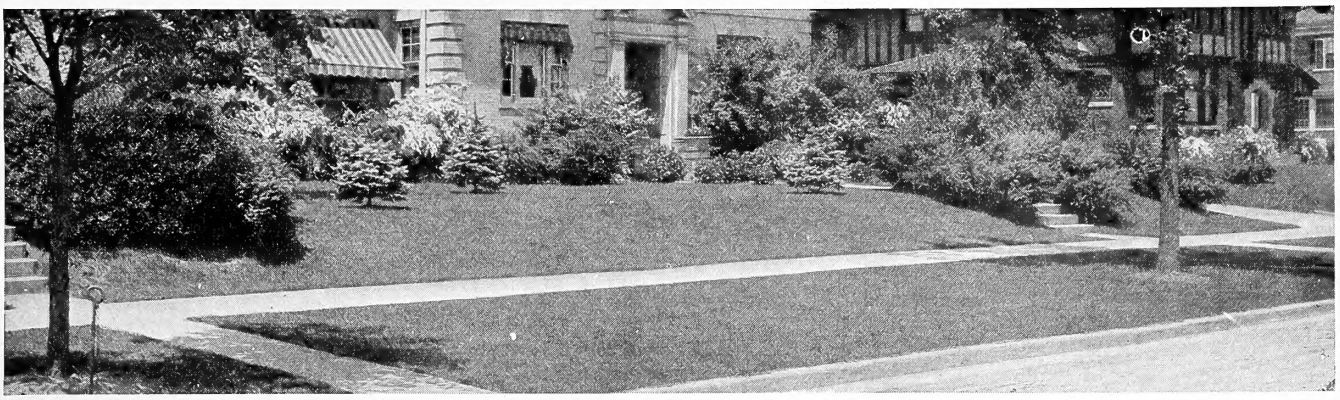
103 FEDERAL STREET

NORTH SIDE, PITTSBURGH, PA.

FLOWER SEEDS

Please Order By Catalog Number

AMOUNT	CATALOG NUMBER	NAME OF VARIETIES WANTED Place one variety only to a line	√ Do not write here	PRICE Dollars	 Cents



Good Setting of Terrace Lawn Mixture

Creeping Bent Lawn Mixture

This Mixture is composed of the highest grade of different Bent Grasses, to which has been added the proper proportion of Fancy Recleaned Red-Top. It will produce a dense, thick velvety turf, so much admired on the putting-greens of our finest golf courses.

The use of Sulphate of Ammonia as a fertilizer is recommended when using this Bent Mixture as it will increase the acidity of the soil and create a condition under which the Bent species thrive. Lb. $1.25; 2 lbs. $2.40; 5 lbs. $5.75, prepaid. Not prepaid, 10 lbs. $11.00; 25 lbs. $26.00; 100 lbs. $100.00.

Choice Lawn Mixture

A very good Lawn Mixture composed of recleaned grasses that will produce a rich green turf of lasting quality. Use one pound to 250 square feet. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75, prepaid. Not prepaid, 10 lbs. $3.25; 25 lbs. $7.75; 100 lbs. $30.00.

Terrace Lawn Mixture

The varieties used in this Mixture are selected for their strong and spreading root-growth, together with their resistance to drought conditions, and thrive on shallow soils of terraces and slopes. Lb. 60 cts.; 2 lbs. $1.15; 5 lbs. $2.75, prepaid. Not prepaid, 10 lbs. $5.00; 25 lbs. $11.50; 100 lbs. $45.00.

How to Make a Lawn

The best time to start a lawn is either in early spring or in early autumn—the seasons of abundant moisture, warm days, and cool nights. Spring sowings should be made as soon as the ground can be prepared for seeding, while fall sowings should be made during September.

Good soil and proper drainage should be provided in order to produce a good permanent lawn. For best results, there should be at least 6 to 8 inches of well-drained surface soil that contains plenty of humus (peat moss, leaf-mold or stable manure), sufficient plant-food (supplied by fertilizers) and enough moisture to make the plant-food available to the roots of the plants.

Preparing the seed-bed. When the soil is sufficiently dried out, dig to a depth of 6 to 8 inches, pulverize all clods of earth as finely as possible, and remove all stones, sticks, and rubbish. When this is completed, spread fertilizer (see page 60) over the plot and rake or harrow until the surface is fine and even.

Seeding. Sow the seed on a day when there is no wind, sowing first in one direction and then in the opposite direction, so as to seed thoroughly all of the area. After seeding is completed, cover ⅛ inch only by raking the surface very lightly in one direction; then go over the seeded plot with a roller, provided the soil is not wet. Should hot, dry weather follow after seeding, it will be necessary to supply moisture. Use only the finest spray so as to prevent washing out the seeds.

Cutting. The first cutting should not be made until the young grass is about 3 inches high, and continued every 10 days.

Separate Grass Seed Varieties

ALL RECLEANED, CAREFULLY TESTED FOR PURITY AND GERMINATION

Owing to market variations, the prices quoted below are subject to change

CREEPING BENT, European (*Agrostis stolonifera*). The true South German Bent. This is the best grass for putting-greens. Of rapid growth and spreading habit and the stoloniferous roots which it sends down into the soil form a strong, enduring turf improved by tramping. Lb. $1.35; 10 lbs. $11.00; 100 lbs. $100.00.

CREEPING BENT, Astoria (*Agrostis stolonifera maritima*). Seed of the very highest quality, grown in Coos County; especially suited for putting-greens and lawn. Spreads rapidly by means of creeping stolons or runners, thereby producing a close matted turf of rich green. Lb. $1.25; 10 lbs. $10.00; 100 lbs. $90.00.

KENTUCKY BLUE GRASS (*Poa pratensis*). The well-known standard American pasture grass. It thrives anywhere, although it displays a distinct preference for soils containing lots of lime. Where permitted to develop naturally, it grows from 10 to 15 inches high and lasts for years. Our seed is of fancy quality, heavy and free from chaff. Lb. 55 cts.; 10 lbs. $4.50; 100 lbs. $40.00.

CRESTED DOG'S-TAIL (*Cynosurus cristatus*). Used with other grasses for lawns and pastures on hard, dry soils. Lb. 70 cts.; 10 lbs. $6.00; 100 lbs. $55.00.

HARD FESCUE (*Festuca duriuscula*). For lawns and grazing pastures. Good in shady locations and on poor or dry soils. Lb. 90 cts.; 10 lbs. $8.00; 100 lbs. $75.00.

MEADOW FESCUE (*Festuca pratensis*). One of the most nutritious pasture grasses. Lb. 50 cts.; 10 lbs. $4.00; 100 lbs. $35.00.

RED FESCUE (Chewing's New Zealand; *Festuca rubra*). A semi-creeping, fine turf grass which thrives on the sandiest soils and in deep shade. Used in golf mixtures. Lb. 90 cts.; 10 lbs. $8.00; 100 lbs. $70.00.

SHEEP'S FESCUE (*Festuca ovina*). For pastures, on thin, poor soil. Lb. 80 cts.; 10 lbs. $7.50; 100 lbs. $65.00.

ORCHARD GRASS (*Dactylis glomerata*). A hardy, vigorous grass, valuable for both hay and pasture. It thrives in shade and produces large crops even on poor soil. Lb. 40c.; 10 lbs. $3.00; 100 lbs. $25.00.

RED-TOP, Fancy Recleaned (*Agrostis palustris*). A valuable all-round grass for hay, pasture, and lawn. As a turf grass it withstands the hardest kind of usage, and it is one of the few grasses that will thrive on damp, sour land. Lb. 50 cts.; 10 lbs. $4.00; 100 lbs. $35.00.

ROUGH-STALKED MEADOW (*Poa trivialis*). A drought-resistant, thick matting grass which does well in shaded locations in lawns and putting-green. Lb. 70 cts.; 10 lbs. $6.00; 100 lbs. $55.00.

RYE GRASS, Pacey's English (*Lolium perenne*). Quick-growing pasture grass for all but very dry locations. It produces an abundance of fine foliage, tillers out close to the ground, and grows up again in a very short time after cutting. Also valuable for hay if cut when in bloom. Generally used with other grasses but may be sown alone where a very quick stand is desired. Lb. 45 cts.; 10 lbs. $3.75; 100 lbs. $35.00.

RYE GRASS, Italian (*Lolium italicum*). An annual grass, used mostly in pasture mixtures for the sake of its quick growth and to assist other grasses the first year. Lb. 40 cts.; 10 lbs. $3.25; 100 lbs. $30.00.

TIMOTHY (*Phleum pratense*). The great American hay grass. Perfectly hardy. Often sown with Red Clover at the rate of 8 to 10 pounds of Timothy with 3 to 4 pounds of Red Clover per acre. Best grade only. Lb. 35 cts.; 5 lbs. $1.50. Prices on larger quantities on request.

WHITE DUTCH CLOVER. Excellent for sowing among grass on lawns where a quick growth is desired. Forms a close sod and remains green throughout the hot, dry spells. Highest quality seed. Lb. 70 cts.

Recent Novelties and

Petunia, Flaming Velvet

We offer on this and the following page meritorious New Flowers selected from the trials of the All-America Committee of Judges and others, brought to the highest standard of perfection by growers and hybridizers all over the world. Every variety will be found to be of outstanding merit.

3218 Petunia, Flaming Velvet

Gold Medal Winner, All-America Selections, 1936

This Petunia was adjudged as outstanding among last year's All-America entries for color, type, and uniformity. When we saw them in bloom last summer they were indeed a rich sight; the sunlight playing on their large, rich, blood-red blooms presented a dazzling array of flaming velvet, quite in keeping with its name. Belongs to the Hybrida type with plain, well-rounded edges. Pkt. 35 cts.

3215 Petunia, Blue Bedder

One of the Nana erecta type of dwarf bedding Petunias, with flowers of the clearest shade of blue imaginable. The flowers are of good size and literally cover the little mounded plants from early in the season until killed by frost. It is one of the finest bedding Petunias we have ever seen, and its delightful coloring will add to any garden, either large or small. Pkt. 15 cts.

3188 Miniature Petunia, Brilliant Rose Gem

A sister of the famous Rose Gem. Award of Merit Winner, All-America Selections, 1936. It is of a much deeper and richer shade of rose, slightly suffused with scarlet, a color that will withstand the strongest sunlight. We recommend Brilliant Rose Gem to those desiring a strong, outstanding color. Pkt. 50 cts.

2494 Centaurea, Jubilee Gem

A dwarf Cornflower with compact plants about 12 inches high and almost this in diameter. Flowers are double, quite large, and of a rich deep Cornflower-blue. As an edging plant, a border plant, or for formal beds, it is one of the finest novelties in years, the little plants being completely covered with their lovely flowers for weeks. In order to have bloom all during the season we would suggest planting seed every two or three weeks, as you will want a lot of these lovely flowers for cutting as well as for garden decoration. Pkt. 25 cts.

New Giant California Sunshine Aster

IN SEPARATE COLORS

This supremely beautiful new race of Asters is the result of a direct cross between Aster, California Giant, and the Dwarf Sunshine type. The plants grow 3 feet high and bear blooms 5 to 6 inches across, on stiff stems. The dual-tone color effects formed by the quilled discs and the encircling darker colored guard petals are lovely beyond description.

2240 **Apple Blossom**	2242 **Lavender**	2244 **White**
2241 **Deep Rose**	2243 **Purple**	2245 **Choice Mixed**

Each of the above, pkt. 25 cts.; ⅛oz. 75 cts.

2249 **COLLECTION: One pkt. each of the above 5 colors $1.00.**

Asters, Giant California Sunshine

Specialties in Flower Seeds

New Rustproof Antirrhinums

Certificate of Honor Winner, All-America Selections, 1935

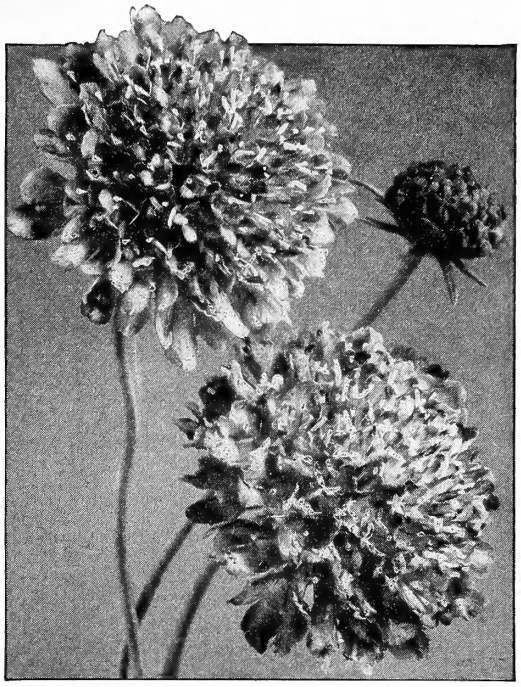
It is a joy to see these plants with their base-branching habit, length of spike, size of blooms, and their clean, healthy foliage, free from rust.

MAXIMUM GIANT-FLOWERING, 32 INCHES

2090 **Alaska.** Pure glistening white.
2091 **Campfire.** Luminous scarlet with yellow lip.
2092 **Canary Bird.** Light lemon-yellow.
2093 **Copper Shades.** Rich combinations of copper shades.
2094 **Loveliness.** Attractive pure soft rose-pink.

Each of the above, pkt. 75 cts.; 3 pkts. $2.00

2096 **Finest Mixture.** A wide assortment of colors. Pkt. 50 cts.



Scabiosa grandiflora, Rosette

3349 Scabiosa grandiflora, Rosette

Painstaking care and careful selection have created this new and glorious color. The exceptionally large flowers are a beautiful shade of rose, heavily suffused with salmon. The long, stiff stems will make it an ideal cut-flower. Pkt. 20 cts.

3056 Ipomoea (Morning-Glory), New Heavenly Blue

An improved type of this lovely Morning-Glory, which blooms early in the summer and continues right up to frost, giving a couple of months longer bloom than the old strain. The flowers are about 4 inches in diameter, practically the same size as the old Heavenly Blue, but possibly a little lighter in color. The vines commence to bloom when they are only part way up the supports and continue on through the season. On cloudy or rainy days they stay open all day. Pkt. 15 cts.

Marigold, Crown of Gold

3022 Marigold, Dwarf French Double, Harmony

Lovely little flowers with outer petals of various shades of burnt orange and large center cushions of deep orange. The 12 to 15 inch mound-like plants are covered with blooms over a long period. A fine cut-flower and a splendid bedding plant. Pkt. 15 cts.

3014 Marigold, Crown of Gold

Gold Medal Winner, All-America Selections, 1937

The plants, attaining a height of 30 inches, are of spreading habit. Early and free flowering, and due to the absence of oil-sacs on the underside of the leaves, are absolutely free of the objectionable Marigold odor. The flowers, of a rich orange color, are 2½ inches in diameter, with a curled and quilled center; very fragrant. Pkt. 20 cts.

3013 Marigold, Alldouble, Dwarf Royal Scot

Growth dwarf and bushy. Every plant of the same shape and height. Flowers rich mahogany and gold, uniformly striped and practically 100 per cent double. Height 10 to 12 inches. A wonderful variety for florist and home gardener. Pkt. 20 cts.

3011 Marigold, Yellow Supreme

Unsurpassed for cutting and exhibition purposes. Yellow Supreme produces 100 per cent fluffy, double, carnation-like blooms of rich creamy lemon-yellow. The plants are 2½ to 3 feet tall, vigorous and free branching. Pkt. 15 cts.

3670 Zinnia, Star Dust

Award of Merit Winner, All-America Selections, 1937

The first named variety of the famous Fantasy type. Graceful blossoms of medium size, deep golden yellow with quilled and shaggy petals. Height about 30 inches. Early and free blooming. Pkt. 20 cts.

Cultural Directions for Flower Seeds

The Flower Seed Section of this Catalog is divided into four classes, Annuals, Perennials, Conservatory Plants, and Vines, and under each variety on the following pages is shown a cultural letter indicating which of the cultural directions given below applies to each variety. The height of the plant, the approximate blooming period, and the preference of such plants as are susceptible to either extreme sun or shade is also shown.

Preparation and Care of the Flower Garden

FLOWER SEED SECTION

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Annuals	5–20
Perennials	21–27
Conservatory Plants	28–29
Vines	29–30

While it is generally true that almost any soil will produce plants and flowers, a little care, fertilizer, and cultivation will greatly increase the productiveness of any garden. In late fall or early spring, spade your flower-beds deeply, add well-rotted manure or peat moss or humus, plus a complete fertilizer, and mix thoroughly with the soil. This will enable the roots to penetrate to a greater depth, will aid in the holding of moisture in the ground, and will replenish the humus and food-elements the crops of previous years have taken out of the soil. When time to sow the seeds, work the surface as fine as possible and sow in accordance with the cultural instructions referred to by letter under the individual Flower Seed headings, these separate cultural instructions being given below. After seeds or plants are in the ground, if weather conditions necessitate watering, a fine spray should be used, being sure the moisture penetrates to a reasonable depth, as one good watering which reaches 4 to 5 inches will be of far greater value than four or five that reach only to a depth of 1 inch, and which in extreme hot, dry weather may prove harmful. (This holds good for your lawn also.) Mulching with a layer of peat moss will do much to retain moisture. As soon as the top of the bed becomes dry enough after a rain, or after watering, work with a hoe or cultivator, pulverizing to a reasonable depth to create a dust-mulch that will prevent excessive evaporation in the sub-soil. All plants, to maintain their vigorous growth and productiveness, require a certain amount of food elements that cannot be added to the soil at the time of planting, but which should be applied later in either dry or liquid form. Complete or special fertilizers fill these requirements. The following points are of the utmost importance and should not be overlooked. Don't sow the seed too deep. Don't crowd the plants, but give each a place in the sun and a chance to develop.

Seed-Flat Preparation

The preparation of the seed-flat is always of the utmost importance. A flat box about 16 inches wide by 20 inches long and 4 inches deep will be ideal. Drill four holes in the bottom for perfect drainage and put in a 1-inch layer of damp peat moss. Next mix two parts of good clean garden soil, free from fresh manure or decaying vegetable matter, with one part of peat moss or humus, and sift the whole through a ⅛- or ¼-inch sieve, making sure the peat moss is all rubbed through. Fill the rest of the flat with this mixture, firming lightly with a board, until the soil is within ½ inch of the top. The next step, and perhaps the most important one to insure success, is to sterilize the soil to prevent what is known as damping-off. This is really nothing but a fungous rot that attacks the seedling right above the roots and very often causes the loss of the entire flat. Sterilizing may be done with Formaldehyde Dust or Semesan. Instructions for the use of either will be found on the package.

CULTURE A

Seeds under this culture give best returns if sown in flats in early spring, but if earliness of bloom is not essential, good results may be obtained by sowing outdoors after all danger of frost is past. If sown in flats, follow instructions for seed-flat preparation given above and sow seed in March or April at the depth indicated under the separate headings. Water thoroughly with a fine spray and cover with a pane of glass or stiff cardboard. Place in a warm room and, although little water will be necessary, watch the flats carefully and never let the soil become dry. When seedlings appear, remove cover and place in a sunny window. Transplant to other flats as soon as seedlings are large enough to handle, keeping them 2 to 2½ inches apart both ways. Expose them gradually to outside conditions and, when sufficient growth has been made, plant in permanent outside locations. If outside sowing is desired, follow instructions given in Culture B.

CULTURE B

Seeds under this culture may be sown in early May in outside seed-beds and later transplanted into the beds they are to occupy, or they may be sown directly into their permanent location. Spade the seed-bed deeply, mix well-rotted manure, or peat moss or humus and a commercial fertilizer, well into the soil; spread an additional half inch of peat moss or humus over the top of the seed-bed, and rake well into the top surface. Sow the seeds at the depth indicated under the separate heading and water thoroughly with a fine spray. When seedlings are large enough, transplant or thin out as cause may require. If exceptionally early flowering is desired, follow instructions under Culture A.

CULTURE C

Seeds under this culture do not take kindly to transplanting and should be sown outdoors in early spring, as soon as danger of frost is over and soil is in a fair condition to work, directly into the beds they are to occupy. Spade the seed-bed deeply, mixing well-rotted manure, or peat moss or humus plus a good commercial fertilizer, well into the soil; spread an additional half inch of peat moss on the surface and rake this well into the top. Level off and sow the seeds thinly at a depth indicated under the separate headings; water thoroughly with a fine spray. After seedlings appear, thin out to give individual plants a chance to develop.

CULTURE D

Seeds under this culture, being quite hardy, may be sown outside in very early spring, as light frosts do not affect their growth to any extent. The seed-bed should be spaded deeply and well-rotted manure, or peat moss or humus plus a good commercial fertilizer, mixed thoroughly with the sub-soil. A half inch of peat moss should be spread over the top and raked lightly into the upper layer of soil. Plant the seeds at a depth indicated under the separate headings and water thoroughly with a fine spray. After seedlings are large enough to handle, thin out or transplant, as you wish. Very early plants may be obtained by sowing in late fall just before heavy frosts make it impossible to work the soil.

CULTURE E

Sow in seed-flats (note preparation of seed-flats above) from February to April if you wish to use the plants to decorate your garden; or during the summer months if you wish to cultivate them in pots for house decoration. Sow seeds at the depth indicated under the special headings and water thoroughly with a fine spray. Cover seed-flat with a pane of glass or stiff piece of cardboard and place in a warm room. As soon as seedlings appear, remove cover from flat and keep in a warm room in a sunny window. As soon as the plants are large enough to handle, transplant into other flats to stand 2 inches apart in rows, or in small pots if you prefer. Transplant outdoors when all danger of frost is past, or if you have raised them for house decoration shift into larger pots as need arises.

CULTURE F

Plants under this culture are purely conservatory or house-plants such as Asparagus, Calceolaria, Cineraria, Primula obconica, Solanum, Stevia, etc. Follow instructions for preparation of seed-flat above and sow seeds preferably during spring months at the depth indicated under the separate headings. Water thoroughly with a fine spray, cover the flat with a pane of glass or stiff cardboard, and place in a warm room. Most of the varieties coming under this culture will germinate in from 8 to 20 days. As soon as seedlings appear, remove the cover from the flat and keep in a sunny window in a warm room. As soon as seedlings are large enough to handle, transplant into other flats to stand 2 inches apart. After a reasonable growth has been attained, pot up in 2- or 2½-inch pots and keep shifting into larger pots as plants attain a size that makes it obvious they can no longer get sufficient nourishment.

CULTURE G

Seeds under this culture may be sown from April to September in flats or coldframes (see preparation of seed-flats above) at the depth indicated under the special flower seed headings. Water thoroughly with a fine spray and cover the flats with a pane of glass or stiff cardboard. Although little additional watering will be necessary, care must be taken never to permit the soil to become dry. Place in a warm room and as soon as seedlings appear remove the cover and place in a sunny window. When large enough to handle, transplant into other flats, spacing seedlings 2 to 2½ inches either way, and after they have made sufficient growth, transplant to permanent location. For midsummer or later sowing, start seeds in a coldframe where soil has been treated the same as for flats; shade the sash and raise as soon as seedlings appear. Transplant as soon as seedlings are large enough to handle, spacing 2 to 2½ inches apart either way, and when sufficient growth has been obtained plant outside into permanent locations. NOTE: Only a few varieties under this culture will produce flowers the first year, and all will benefit by winter mulch or protection at least the first season. Seed may be sown in the open, after danger of frost is past, in a seed-bed in which the top soil is finely pulverized and mixed with peat moss or humus. Select a level location and raise seed-bed several inches above the rest of the garden to prevent seeds being washed out by heavy rains. When plants are sufficiently large, transplant and place them in their permanent locations.

CULTURE H

Seeds under this culture are best sown indoors in March or April directly into small pots. Fill the pots with a mixture of good garden soil, composed of two parts soil and one part humus, to within a half inch of the edge of the pot. Firm the soil and place one or two seeds at the depth indicated under the separate headings. Take an ordinary seed-flat, fill with moist peat moss, and plunge the pots into this up to within a half inch of the edge. Water pots thoroughly and cover flat with a pane of glass or stiff cardboard. Place in a warm room and as soon as seedlings appear, remove cover and place in a sunny window, gradually exposing them to outside conditions. When all danger of frost is over remove from pots without destroying the root-ball and plant in their respective places outdoors. If an advanced blooming period is not desired, the seeds may be sown outside as soon as warm weather sets in.

Annual Flower Seeds

Among the most charming and valuable flowers in our gardens are the Annuals which are those that, when sown in the spring or summer, bloom, bear seeds, and die before the approach of winter. Some other sorts, however, while not strictly Annuals, are so tender that they will not stand our winters outdoors, and these are also sown yearly in preference to lifting the plants over winter.

Hardy Annuals require no artificial aid to enable them to develop, but grow and flower freely in the open and can be sown outdoors in the spring as soon as the soil is dry enough. Some tender Annuals should not be sown outdoors in the latitude of Pittsburgh until the first week in May, while other tender Annuals should be started early indoors or in the hotbed and after being potted should be hardened off and placed outdoors where they are to bloom.

To assist the gardener to determine the proper culture to use on the different varieties of Flower Seeds, the key letters A, B, C, D, E, F, G, or H are shown under each variety on the following pages. This key letter refers to cultural instructions on page 4.

Varieties adaptable for Rock-Garden purposes are designated by the symbol ●

Adonis

Culture B. Cover seeds ⅛ in. Ht. 1 ft. Blooms continuously.

2023 **Æstivalis.** *Pheasant's Eye.* ● Dark crimson flowers. Feathery foliage. Early flowering. Pkt. 10 cts.; ¼oz. 25 cts.

Ageratum

Culture B. Cover seeds ⅛ in. Ht. various. Blooms July to frost.

2021 **Blue Cap.** A splendid new dwarf and compact variety with larger flowers and deeper color than Little Blue Star. Ideal for pot-culture or edging. Pkt. 20 cts.

2025 **Blue Perfection.** Large, deep blue flowers. Fine for edging beds and walks. Ht. 1 ft. Pkt. 10 cts.; ¼oz. 40 cts.

2026 **Little Blue Star.** Deep blue. Compact. Ht. 6 in. Pkt. 15 cts.; ⅛oz. 50 cts.

2027 **Little Dorrit, Azure-Blue.** Low and spreading. Pkt. 10 cts.; ¼oz. 30 cts.

2028 **Little Dorrit, Pure White.** The best low white. Pkt. 10 cts.; ¼oz. 30 cts.

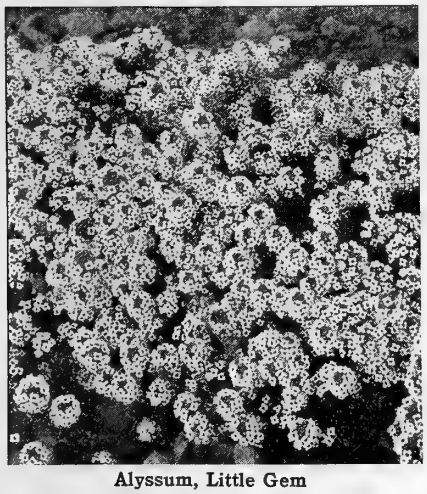
2030 **Tall Blue.** Soft blue. Ht. 1½ to 2 ft. Pkt. 10 cts.; ¼oz. 30 cts.

Agrostemma

Rose of Heaven

Culture B. Cover seeds ⅛ in. Ht. 15 in. Blooms July to Sept.

2035 **Cœli-rosa.** Dainty rose-colored flowers on graceful stems. Good cut-flower. Pkt. 10 cts.; ¼oz. 25 cts.



Alyssum, Little Gem

Alyssum

Culture B. Cover seeds ¼ in. Ht. various. Blooms early summer to frost.

A great favorite for borders, edgings, window-boxes, or baskets. Thrives anywhere.

2050 **Carpet of Snow.** ● Low and spreading; flowers white. Each plant about 1½ feet across and only 3 inches high. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

2051 **Lilac Queen.** Like Little Gem in growth, but the sweet-scented flowers are delicate lavender. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

2052 **Little Gem.** Compact and bushy, erect growing, covered with snowy white flowers. Ht. 4 to 6 in. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

2054 **White Sweet.** Honey-scented. Pkt. 10 cts.; ¼oz. 15 cts.; oz. 40 cts.

Amaranthus

Culture A. Cover seeds ⅛ in. Prefers sun.

Vigorous grower with brilliantly colored foliage.

2060 **Sunrise.** Brilliant bronzy crimson foliage. Each branch terminates in a tuft of scarlet-carmine leaves. Pkt. 15 cts.; ⅛oz. 50 cts.

2061 **Tricolor splendens gigantea.** *Joseph's Coat.* Foliage scarlet, yellow, and green. Ht. 4 ft. Pkt. 10 cts.; ¼oz. 30 cts.

Ageratum, Blue Perfection

Anchusa

Culture B. Cover seeds ⅛ in. Ht. 1½ to 2 ft. Blooms July to Oct.

2070 **Capensis, Blue Bird.** A new variety of compact habit, producing bright indigo-blue flowers. Pkt. 10 cts.; ¼oz. 25 cts.

Antirrhinum · Snapdragon

Culture A. Cover seeds ⅛ in. Ht. various. Blooms July to frost.

New Rustproof Antirrhinum

CERTIFICATE OF HONOR WINNER

See Novelties, page 3

BECKERT'S MAMMOTH-FLOWERING

Far surpasses in vigor of growth and size and profusion of blossoms any of the tall, large-flowering strains previously grown. Beckert's New Mammoth varieties represent the highest development yet attained in Antirrhinums. Ht. 2½ to 3 ft.

2105 **Apple Blossom.** Rosy pink.
2106 **Canary Bird.** Canary-yellow.
2107 **Cattleya.** Rosy lilac.
2108 **Copper King.** Velvety copper.
2110 **Defiance.** Bright scarlet.
2111 **Old Gold.** Golden yellow.
2112 **Purple King.** Deep garnet.
2113 **Ruby King.** Velvety ruby-red.
2114 **Snowflake.** Pure white.
2115 **The Rose.** Rosy pink.
2116 **Wallflower.** Wallflower-red.

Each of above, pkt. 15 cts.; ⅛oz. 65 cts.

2119 **COLLECTION: One pkt. each of above 11 varieties $1.25.**

2125 **Mammoth Choice Mixed.** Pkt. 15 cts.; ¼oz. 60 cts.

LARGE-FLOWERING SEMI-DWARF

Ht. about 1½ ft.

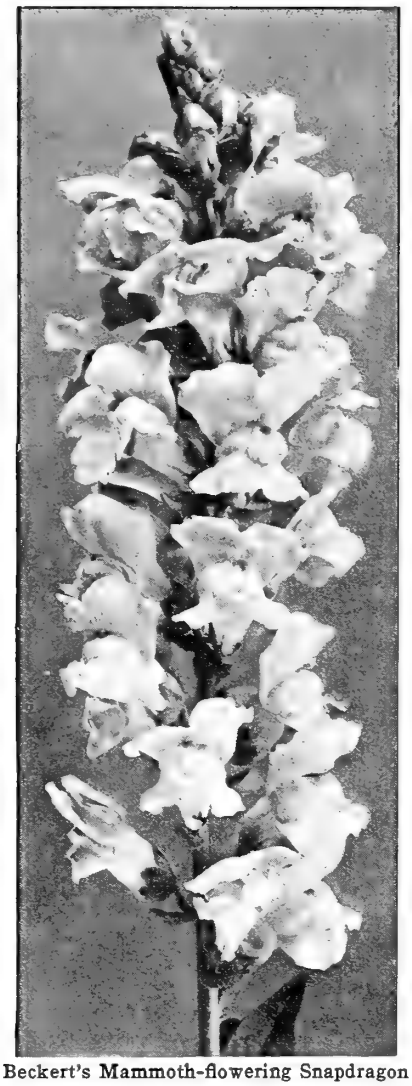
2130 **Carmine Queen.** Rose-carmine.
2131 **Climax.** Orange, shading to yellow.
2132 **Defiance.** Orange-scarlet.
2133 **Firebrand.** Bright scarlet.
2134 **Gloria.** Rich deep rose-pink.
2135 **Golden Queen.** Clear yellow.
2136 **Mauve Queen.** Lilac-mauve.
2137 **Philadelphia Pink.** Pure pink.
2138 **Purity.** Pure white.
2140 **Rose Dore.** Rose, suffused orange.

Each of above, pkt. 10 cts.; ¼oz. 60 cts.

2139 **COLLECTION: One pkt. each of above 10 varieties 85 cts.**

2145 **Semi-Dwarf Choice Mixed.** Pkt. 10 cts.; ¼oz. 50 cts.; oz. $1.50.

Wilt-resistant Asters—important improvement over old strains



Beckert's Mammoth-flowering Snapdragon

FORCING ANTIRRHINUMS FOR GREENHOUSE USE

2155 **Ceylon Court.** Canary-yellow.
2157 **His Excellency.** Orange-scarlet.
2158 **Jennie Schneider.** Rose-pink.
2160 **Peerless Pink.** Cameo-pink.
2161 **Rock's White.** Early. Pure white.
2162 **Roman Gold.** Golden yellow.

Each of above, pkt. 50 cts.

2150 **ROCK HYBRIDS.** ● Early-flowering hybrids forming small, compact bushes very suitable for rock-gardens. Mixture of rose, pink, purple, and mauve. Pkt. 25 cts.; ⅛oz. $1.00.

Arctotis

Blue-eyed African Daisy

Culture A. Cover seeds ⅛ in. Ht. 2½ ft. Blooms July to frost. Prefers sun.

2190 **Grandis.** Pure white blooms with a bluish center surrounded by a gold band. Pkt. 10 cts.; ¼oz. 30 cts.

Asters

Culture A. Cover seeds ⅛ in. Ht. various.

No garden is complete without the China Asters. Lovely in form and color and easy to grow, they make most attractive beds and are the leading cut-flower from midsummer until the appearance of the chrysanthemums. They come in many types, differing in form of flower, habit of growth, and season of bloom.

Asters delight in a rich, moist soil and, to produce the largest and finest flowers, they should have plenty of room and be given frequent cultivation.

New Giant California Sunshine Asters
In Separate Colors
See description on Novelty page 2

CALIFORNIA GIANT ASTERS

In this splendid new strain, the earliness and the beautiful fluffy Comet type of flower of the Crego Asters is combined with the giant size and vigor of the American Beauties. The flowers are full-centered and substantial, averaging 5 to 6 inches across, and produced on stout stems 1½ to 2 feet long without disbudding. Blooms late July to frost.

2200 **Deep Rose**
2201 **Light Blue**
2202 **Peach Blossom**
2203 **Purple**
2204 **White**

Each of above, pkt. 20 cts.; ⅛oz. 75 cts.

2209 **COLLECTION: One pkt. each of the above 5 colors 85 cts.**

2206 **Choice Mixed.** Pkt. 10c.; ⅛oz. 65c.

2291 **Aster, Super-Giant Los Angeles**

Los Angeles is the largest and most fully double Aster known. The flowers, 6 to 8 inches across, are a lovely shell-pink blending to a creamy pink at the center. The plants are non-lateral with 6 to 8 long stems. Pkt. 25 cts.; ⅛oz. $1.00.

Wilt-resistant Strains of Aster

The Fusarium Wilt to which the Aster has in the past been subject has now been brought under control by the introduction of these new wilt-resistant strains, which withstand the attacks of the wilt fungus, where non-resistant strains will succumb.

QUEEN OF THE MARKET ASTERS
(Wilt-resistant)

The first to bloom. Of medium height and branching habit. Popular for early cut-flowers. Ht. 1½ ft.

2221 **Blush-Pink**
2222 **Crimson**
2223 **Dark Blue**
2226 **White**

Each of above, pkt. 10 cts.; ¼oz. 75 cts.

2229 **COLLECTION: One pkt. each of above 4 colors 35 cts.**

2228 **Choice Mixed.** Pkt. 10c.; ¼oz. 65c.

ANNUALS
Various newer types
See Specialty pages 2 and 3

EARLY ROYAL ASTERS
(Wilt-resistant)

These follow the Queen of the Market Asters. Large, full, double flowers on long, straight stems. Free blooming and fine for cutting. Ht. 2 ft. Blooms late July and Aug.

2231 **Azure-Blue**
2232 **Deep Rose**
2233 **Purple**
2235 **White**
2237 **Choice Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 40 cts.

2239 **COLLECTION: One pkt. each of above 4 colors 50 cts.**

LATE AMERICAN BEAUTY ASTERS
(Wilt-resistant)

Rivaling the chrysanthemum in size, this variety is preëminently desirable for late cut-flower purposes. The flowers are full centered within curving petals. 2 to 3 ft. Blooms Sept. and Oct.

2211 **Crimson**
2212 **Lavender**
2213 **Purple**
2214 **Rose**
2215 **White**

Each of above, pkt. 15 cts.; ¼oz. 75 cts.

COLLECTION: One pkt. each of above 5 colors 65 cts.

2217 **Choice Mixed.** Pkt. 15 cts.; ¼oz. 65 cts.

Branching Asters

All Flower Seeds delivered free anywhere in the United States

ASTERS, CREGO'S (Wilt-resistant)

Sturdy, branching plants, 2 feet tall. Large, fluffy flowers with flat, recurved, twisted petals on good stems. Fine for both bedding and cutting. Blooms late Aug. to frost.

2280 **Crimson**
2281 **Purple**
2282 **Rose**
2283 **White**
2284 **Choice Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 40 cts.

2289 **COLLECTION: One pkt. each of above 4 colors 50 cts.**

THE KING ASTERS (Wilt-resistant)

A distinct and most attractive type, producing large flowers with straight, quilled petals on long, stiff stems. Ht. 1½ ft. Blooms late Aug. to Oct.

2271 **Crimson**
2272 **Lavender**
2273 **Rose**
2275 **Dark Blue**
2276 **White**
2278 **Choice Mixed**

Each of above, pkt. 10 cts.; ⅛oz. 40 cts.

2279 **COLLECTION: One pkt. each of above 5 colors 40 cts.**

AMERICAN LATE-BRANCHING ASTERS (Wilt-resistant)

Blooming in late August until frost, these are the most popular and widely grown of all the Asters. Vigorous plants, 2½ feet or more in height, covered with large, double flowers on extra-long stems. Excellent for cutting.

2261 **Crimson**
2262 **Deep Rose**
2263 **Lavender**
2264 **Purple**
2265 **Shell-Pink**
2266 **White**
2268 **Choice Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 40 cts.

2269 **COLLECTION: One pkt. each of above 6 colors 70 cts.**

Four Superb Asters

2285 **Aurora.** Bright yellow center with delicate blue petals. Quite distinct from other Asters. Ht. 2 ft. Pkt. 15 cts.; ¼oz. $1.00.

2286 **Crimson Giant.** Showy bright crimson flowers of large size on long, strong stems. Ht. 2½ ft. Pkt. 15 cts.; ¼oz. 75 cts.

2287 **Lavender Gem.** Flowers of the Ostrich-Feather type which are silvery white when young and change to light lavender when fully expanded. Ht. about 1½ ft. Pkt. 15 cts.; ¼oz. 75 cts.

2290 **Peerless Yellow.** The best of the yellow Asters. Plants 2 feet tall with clear yellow flowers of good size and form on long stems. Fades slightly as it ages. Pkt. 15 cts.; ¼oz. $1.00.

Balsam - Lady's-Slipper

Culture B. Cover seeds ¼ in. Ht. 2 ft. Blooms July and Aug.

An old garden favorite producing brilliant, double, camellia-like flowers.

2302 **Crimson**
2303 **Purple**
2304 **Salmon-Pink**
2305 **White**

Each of above, pkt. 10 cts.; ¼oz. 35 cts.

2309 **COLLECTION: One pkt. each of above 4 colors 35 cts.**

2307 **Finest Mixed.** Pkt. 10 cts.; ¼oz. 30 cts.

Begonia

Culture E. Sow seed on top of soil and firm down with a flat board. Ht. various. Blooms summer and fall, and indoors in winter.

The Begonias are ever popular and not at all difficult to grow, although the seed is fine and must be carefully handled. The Semperflorens and Erfordi varieties are excellent for bedding and make nice pot-plants for decorative purposes. The Gracilis varieties bloom later but make particularly fine pot-plants on account of their bushy growth.

2311 **Erfordi.** Handsome dark foliage and rosy carmine flowers. Ht. 1 ft. Pkt. 25 cts.

2313 **Gracilis luminosa.** Fiery, dark scarlet flowers. Satiny brown foliage. Fine for winter flowering. Pkt. 25 cts.

2314 **Gracilis, Prima Donna.** Large, handsome plants covered with bright rose-pink flowers. Shining green foliage. Pkt. 25 cts.

2315 **Semperflorens, Albert Martin.** Extra-large flowers of bright crimson-scarlet. Dark foliage. Pkt. 25 cts.

2316 **Semperflorens, Salmon Queen.** A most attractive new variety with large, salmon-colored blossoms and dark foliage. Pkt. 25 cts.

2317 **Semperflorens, Vernon.** Often grown as a Christmas-flowering pot-plant and fine for bedding. Branching habit. Dark green foliage shaded bronzy red. Carmine-scarlet flowers. Pkt. 15 cts.

2318 **Semperflorens, Dwarf Vernon.** Forms small, round, compact plants which are literally covered with brilliant red flowers. Foliage deep, brownish red. Pkt. 15 cts.

2319 **Semperflorens, Christmas Cheer Red.** Dark crimson-scarlet blooms, 2 inches in diameter. Splendid for pots for Christmas. Pkt. 25 cts.

2310 **Semperflorens, Choice Mixed.** Pkt. 15 cts.

Blue Lace Flower

Didiscus

Culture A. Cover seeds ⅛ in. Ht. 2 ft. Blooms July and Aug.

2328 **Cærulea.** The spreading flower-heads are made up of small, beautiful azure-blue flowers. Nice for cutting. Pkt. 10 cts.; ¼oz. 50 cts.

Brachycome •

Swan River Daisy

Culture B. Cover seeds ⅛ in. Ht. 10 in. Blooms throughout the summer.

Produces numerous dainty little flowers on graceful stems.

2330 **Blue**
2331 **Rose**
2332 **White**
2334 **Finest Mixed**

Each of above, pkt. 10 cts.; ¼oz. 50 cts.

Browallia - Amethyst

Culture B. Cover seeds ⅛ in. Ht. 1½ ft. Blooms summer and autumn.

Easy to grow. A profuse blooming bedding plant. If lifted in the fall and cut back, will bloom freely indoors during the winter.

2336 **Elata, Choice Mixed.** Blue and white flowers. Pkt. 10 cts.; ¼oz. 40 cts.

2337 **Speciosa major.** Brilliant vivid blue flowers. Pkt. 25 cts.

Calendula, Orange Shaggy

Calendula - Pot Marigold

Culture B. Cover seed ¼ in. Ht. 18 to 20 in. Blooms from midsummer to frost.

The improvement of varieties and the wide range of their usage have endeared this old-fashioned favorite to the home gardener. Adapting itself to almost any soil condition, the seed should be sown in very early spring. Transplant to stand from 12 to 16 inches apart.

2340 **Ball's Gold.** Deep golden yellow. Pkt. 15 cts.; ¼oz. 75 cts.

2341 **Ball's Orange.** Long-stemmed; deep glowing orange. Pkt. 15 cts.; ¼oz. 75 cts.

2342 **Campfire** or **Sensation.** Dark orange. Pkt. 15 cts.; ¼oz. 75 cts.

2343 **Radio.** Golden orange, with beautiful quilled petals. Pkt. 15 cts.; ¼oz. 50 cts.

2344 **Chrysantha** or **Sunshine.** The flower-heads of clear buttercup-yellow are quite distinct. The long, narrow florets are flat and many of them are twisted and curled in the center. Free blooming and excellent for cutting, having a long, stiff stem. Pkt. 15 cts.; ¼oz. 50 cts.

2345 **Orange Shaggy.** Deep orange in color with lighter centers; shaggy, chrysanthemum-like blooms. Pkt. 15 cts.; ¼oz. 75 cts.

CALENDULAS OF MERIT

2346 **Lemon Queen.** Rich lemon-yellow.
2347 **Meteor.** Creamy white, striped orange.
2348 **Nankeen.** Cream, flushed apricot.
2350 **Orange King.** Dark center; rich orange-red.

Each of above, pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.

2352 **Choice Double, Mixed.** Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.

Campanula

Annual Canterbury Bells

Culture A. Cover seeds ⅛ in. Ht. 1½ ft. Blooms 5 to 6 months after seeding.

2368 **Choice Annual, Mixed.** Something new in Canterbury Bells. Blooms profusely late the first season. Pkt. 20 cts.; 3 pkts. 50 cts.

Calliopsis and Centaurea are ideal cut-flowers for tall vases

Calliopsis

Calliopsis - Bright Eyes

Culture D. Cover seeds ⅛ in. Ht. various. Blooms all summer.

Forms an indispensable part of the garden with its vivid-colored flowers on long stems.

2360 **Drummondi** (Golden Wave). Bright yellow flowers with brown eyes. Ht. 2 ft. Pkt. 10 cts.; ¼oz. 30 cts.

2361 **Dwarf Crimson King.** Covered with dark, glowing crimson flowers. Ht. 8 in. Pkt. 10 cts.; ¼oz. 30 cts.

2362 **Dwarf Tiger Star.** Flowers reddish brown striped with bright yellow. Pkt. 10 cts.; ¼oz. 30 cts.

2363 **New Hybrids, Dwarf, Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

2364 **New Hybrids, Semi-double Tall, Mixed.** Flowers bright yellow, old-gold, blood-red, and brown, many spotted and striped. Pkt. 10 cts.; ¼oz. 25 cts.

Candytuft - Iberis

Culture C. Cover seeds ¼ in. Ht. 6 to 12 in. Blooms 8 weeks from sowing; prefers sun.

Ideal for edging and cutting. Easily grown.

2401 **Giant Hyacinth-flowered, Empress.** Very fine, large heads of pure white flowers. Ht. 1 ft. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

2402 **Dwarf Hyacinth-flowered, Little Prince.** ● Large trusses of pure white. Ht. 6 in. Pkt. 10 cts.; ¼oz. 35 cts.

UMBELLATA VARIETIES

10 to 12 in.

2404 **Cream-White** 2406 **Lavender**
2405 **Crimson** 2407 **Rosy Red**

Each of above, pkt. 10 cts.; ¼oz. 25 cts.; oz. 60 cts.

2408 **Choice Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.; oz. 60 cts.

Carnation

Dianthus caryophyllus

Culture A. Cover seeds ⅛ in. Ht. 10 to 15 in.

General favorites that appeal to the flower-lover. Fragrant cut-flowers.

2425 **Giant Marguerite (Malmaison).** Seed sown in February will flower in June. Splendid mixture of largest flowers. Pkt. 10 cts.; ⅛oz. 75 cts.

MARGUERITE, HALF-DWARF

Bloom from July to frost from February-sown seed. Large flowers.

2426 **Crimson** 2428 **White**
2427 **Scarlet** 2430 **Choice Mixed**

Each of above, pkt. 10 cts.; ⅛oz. 50 cts.

Celosia - Cockscomb

Culture A. Cover seeds ⅛ in. Ht. various. Blooms July to frost.

The always showy, crested or plumed Cockscombs are easily grown and retain their color, even when dry for a long time.

PLUMOSA - Feathered Cockscomb

Pyramidal, pointed plumes. Makes grand pot-plants and gorgeous beds. Ht. 2 ft.

Thompsoni magnifica. Splendid improved strain.

2440 **Crimson** 2442 **Yellow**
2441 **Fiery Red** 2445 **Choice Mixed**

Each of the above, pkt. 10 cts.; ¼oz. 50 cts.

2446 **Pride of Castle Gould.** Pyramidal plants with immense flower-heads shaped like ostrich plumes in many brilliant colors. Pkt. 25 cts.; ⅛oz. 75 cts.

CHILDSI - Chinese Woolflower

The finest of the Celosias for bedding and cutting. Each plant produces many enormous ball-shaped flower-heads. Ht. 2 ft.

2450 **Crimson** 2452 **Yellow**
2451 **Pink** 2455 **Choice Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 35 cts.

CRISTATA - Cockscomb

Distinct and handsome. Makes fine decorative plants with comb-like heads of large size.

2460 **Empress.** Enormous crimson heads. Dark foliage. Ht. 1 ft. Pkt. 10 cts.; ⅛oz. 40 cts.

2462 **Dwarf, Mixed.** Combs in shades of red and yellow. Plants average 8 inches high. Pkt. 10 cts.; ⅛oz. 35 cts.

Candytuft (Umbellata Type)

Carnation, Marguerite

Centaurea

Culture D. Cover seeds ¼ in. Ht. 2 to 3 ft. Blooms June to Aug.

CYANUS - Bachelor's Button

An old friend from the old-fashioned garden. Easy to grow.

2470 **Double Blue** 2472 **Double Pink**
2471 **Double Maroon** 2473 **Double White**

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

2479 **COLLECTION: One pkt. each of above 4 colors 30 cts.**

2475 **Choice Double, Mixed.** Pkt. 10 cts.; ¼oz. 20 cts.

IMPERIALIS - Royal Sweet Sultan

Long-stemmed and delightfully fragrant. Sow in succession every two weeks until July.

2481 **Deep Lavender** 2484 **Rose**
2482 **Lilac** 2485 **Red**
2483 **Purple** 2486 **White**

Each of above, pkt. 10 cts.; ¼oz. 35 cts.

2489 **COLLECTION: One pkt. each of above 6 colors 50 cts.**

2488 **Choice Mixed.** Pkt. 10 cts.; ¼oz. 30 cts.

2491 **Americana.** *Basket Flower.* A giant variety with immense blooms of rosy lavender. Pkt. 10 cts.; ¼oz. 50 cts.

2493 **Suaveolens.** *Yellow Sweet Sultan.* Bright yellow flowers, sweetly scented. Pkt. 10 cts.; ¼oz. 50 cts.

DUSTY MILLER

Culture A. Cover seeds ⅛ in. Ht. 1 ft.

2495 **Candidissima.** Broad cut foliage of silvery gray. Pkt. 10 cts.; ⅛oz. 50 cts.

2496 **Gymnocarpa.** Fine cut silvery foliage. Pkt. 10 cts.; ¼oz. 40 cts.

Cheiranthus

Siberian Wallflower

Culture A. Cover seeds ⅛ in. Ht. 1 ft.

2505 **Allioni.** ● A dwarf perennial best treated as an annual. Brilliant heads of orange flowers. Ideal for edging or rock-gardens. Pkt. 10 cts.; ¼oz. 40 cts.

Screen unsightly spots and corners with tall-growing Cosmos

Chrysanthemum

Painted Daisy

Culture B. Cover seeds ⅛ in. Ht. 2 ft. Blooms in late summer.

Very showy. Equally useful for garden or pot-culture. Dainty cut-flower. Give plenty of room.

2515 **Burridgeanum.** White petals, brownish red zone. Pkt. 10 cts.; ¼oz. 40 cts.
2516 **Evening Star.** Rich golden yellow. Pkt. 10 cts.; ¼oz. 40 cts.
2517 **Inodorum, Bridal Robe.** Very double, pure white, daisy-like flowers. Fine for cutting. Pkt. 10 cts.; ¼oz. 50 cts.
2518 **Morning Star.** Canary-yellow with deeper center. Pkt. 10 cts.; ¼oz. 40 cts.
2520 **Northern Star.** Large blooms with white petals and light yellow zone around a dark brown eye. Pkt. 10 cts.; ¼oz. 40 cts.
2522 **Finest Single, Mixed.** Many bright colors. Pkt. 10 cts.; ¼oz. 25 cts.
2523 **Finest Double, Mixed.** Pkt. 10 cts.; ¼oz. 30 cts.

Clarkia Elegans

Culture D. Cover seeds ¼ in. Ht. 2 ft. Blooms July and Aug.

Lovely, graceful plants whose long racemes resemble sprays of flowering almond. Will last well in water if cut while in bud.

2540 **Apple Blossom**
2541 **Brilliant Crimson**
2542 **Purple Prince**
2543 **Salmon Queen**
2544 **Scarlet Queen**
2545 **White Prince**

Each of above, pkt. 10 cts.; ¼oz. 30 cts.

2549 **COLLECTION: One pkt. each of above 6 colors 50 cts.**

2546 **Choice Mixed.** Pkt. 10 cts.; ¼oz. 40 cts.

Cleome

Giant Spider Plant

Culture B. Cover seeds ¼ in. Ht. 3 to 5 ft. Blooms continuously.

2550 **Gigantea.** Spikes of rose-pink flowers which, on account of their long wiry stamens, bear a strange resemblance to spiders. A vigorous grower and bloomer. Pkt. 10 cts.; ¼oz. 25 cts.

Cheiranthus Allioni. See opposite page

Early Double Crested Cosmos

Cosmos

Culture D. Cover seeds ¼ in. Ht. various.

A popular, friendly annual that, with its bright colors, feathery foliage, and long stems, is particularly good for cutting. Its height commends it for the tall border.

2602 **Klondyke, Orange Flare.** *A Gold Medal Winner in 1935.* This early-flowering strain blooms in 4 months from the time of sowing. Vivid orange blooms on well-shaped plants, with marigold-like foliage. Ht. 2 to 3 ft. Pkt. 15 cts.; ⅛oz. 50 cts.
2600 **Klondyke.** Grows about 4 feet high and bears a profusion of orange-yellow flowers 2 to 3 inches in diameter. Blooms late in season. Pkt. 10 cts.; ¼oz. 50 cts.

NEW EARLY DOUBLE CRESTED

About 75 per cent of the seedlings will bear large, beautifully formed flowers with full-double centers and an outer row or crest of guard petals. Ht. 5 ft. Blooms July to frost.

2575 **Crimson**
2576 **Pink**
2577 **White**
2580 **Choice Mixed**

Each of above, pkt. 20 cts.; ¼oz. $1.00

2579 **COLLECTION: One pkt. each of above 3 colors 50 cts.**

MAMMOTH EARLY-FLOWERING

An extra-select strain combining extreme earliness with great vigor and unusual size of flowers, often measuring 4 inches across. Ht. 5 ft. Blooms July to frost.

2585 **Crimson** 2587 **White**
2586 **Pink** 2590 **Choice Mixed**

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

2589 **COLLECTION: One pkt. each of above 3 colors 25 cts.**

GIANT LATE (LADY LENOX)

Blooms in September and produces the largest flowers of all, with wide, overlapping petals and long stems. Ht. 6 to 7 ft. Blooms late Aug. to frost.

2595 **Giant Crimson** 2597 **Giant White**
2596 **Giant Pink** 2598 **Giant Mixed**

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

2599 **COLLECTION: One pkt. each of above 3 colors 25 cts.**

Coleus

Culture E. Cover seeds ⅛ in. Ht. 1½ ft. Prefers sun.

Grown for both house and garden for their attractive brilliant variegated leaves.

2560 **Prize Mixed.** Seed saved from collections of the newest and choicest varieties. Pkt. 25 cts.

Cynoglossum

Culture B. Cover seeds ⅛ in. Ht. 2 ft. Blooms June to July.

2635 **Amabile.** *Chinese Forget-me-not.* Blue Forget-me-not-like flowers, delicately sweet scented. Pkt. 10 cts.; ¼oz. 25 cts.

Dahlia

Culture A. Cover seeds ¼ in. Ht. various.

An interesting way to obtain new color schemes in Dahlias is to start them from seed indoors. The Coltness Hybrids will bloom in July and the Show and Cactus classes in August and September.

2645 **Coltness Hybrids.** A new form of the dwarf single type. The flowers measure about 3 inches across and come in many bright colors. Ht. about 1½ ft. Pkt. 25 cts.; ⅛oz. 60 cts.
2646 **Double Large-flowering Show Varieties.** Saved from the most double flowers. Pkt. 20 cts.; ⅛oz. 60 cts.
2647 **Cactus Varieties.** Saved from the finest new sorts. Large and showy. Pkt. 35 cts.; ⅛oz. $1.00.

Datura - Angel's Trumpet

Culture B. Cover seeds ⅛ in. Ht. 1½ ft. Blooms Aug. to frost. Prefers sun.

2650 **Cornucopia.** Strong, bushy plants with coarse foliage and large, very sweet-scented flowers. Interior white, exterior violet-purple. Pkt. 10 cts.; ¼oz. 40 cts.

Cosmos, Orange Flare

For new and recent Flower Seed Novelties, see pages 2 and 3

Double Annual Pinks

Eschscholtzia

Helichrysum

Dianthus - Garden Pinks

Culture D. Cover seeds ⅛ in. Ht. 1 ft. Blooms June to Sept.

Like a greeting out of the past, the Pinks of our mother's garden never lose their delightful charm.

SINGLE ANNUAL

Strong, sturdy growers of easy culture, requiring a moderate amount of sunshine.

2670 **Crimson Belle.** Rich velvety crimson. Pkt. 10 cts.; ¼oz. 30 cts.

2671 **Eastern Queen.** Delicately marbled rose and mauve flowers. Pkt. 10 cts.; ¼oz. 30 cts.

2672 **Purity.** Large, snow-white flowers; clove-scented. Fine for cutting. Pkt. 10 cts.; ¼oz. 30 cts.

2673 **Salmon Queen.** Deep rosy salmon, beautifully fringed. Pkt. 10 cts.; ¼oz. 50 cts.

2675 **Choice Single Mixed.** Many brilliant colors. Pkt. 10 cts.; ¼oz. 30 cts.

DOUBLE ANNUAL

2677 **Fireball.** Very double, bright red flowers. Splendid bedder. Ht. 8 in. Pkt. 10 cts.; ¼oz. 50 cts.

2678 **Lucifer.** A popular fringed variety with brilliant flowers of geranium-red about 2 inches across. Pkt. 10 cts.; ¼oz. 50 cts.

2680 **Mourning Cloak.** Laciniated petals of deep, blackish crimson, with a narrow silvery margin. Pkt. 10 cts.; ¼oz. 50 cts.

2681 **Snowball.** Pure white, fringed petals. Ht. 8 in. Pkt. 10 cts.; ¼oz. 50 cts.

2683 **Choice Double, Mixed.** All colors in Double Pinks. Pkt. 10 cts.; ¼oz. 40 cts.

2679 **COLLECTION: One pkt. each of the 4 Single Pinks and 4 Double Pinks, 8 pkts., 60 cts.**

2685 **Sweet Wivelsfield.** *Hybrid Dianthus.* This new annual Dianthus is a cross between *Dianthus Allwoodi* and Sweet William and resembles the latter. Choice mixture of various colors. Pkt. 15 cts.; ⅛oz. 40 cts.

Dimorphotheca

African Orange Daisy

Culture B. Cover seeds ⅛ in. Ht. 15 in. Blooms during summer and fall. Prefers sun.

A native of far-off Africa, it rewards the efforts of the real lover of flowers a hundredfold.

2700 **Aurantiaca.** Fine, large many-petaled flowers, deep ochre or orange-yellow, with a black zone at the base, and a small brown disc. Pkt. 10 cts.; ¼oz. 50 cts.

2701 **New Hybrids.** Single and semi-double flowers varying in color from creamy white to deepest yellow, salmon-rose, and orange. Pkt. 10 cts.; ¼oz. 50 cts.

Euphorbia

Culture various. Cover seeds ⅛ in. Ht. various. Prefers sun.

Natives of our great West and Southwest. Grown for their attractive foliage.

2740 **Heterophylla.** *Annual Poinsettia.* **Culture B.** A striking annual with glossy green foliage which changes to a beautiful orange-scarlet about midsummer. Ht. 2 to 3 ft. Pkt. 10 cts.; ¼oz. 50 cts.

2741 **Variegata.** *Snow-on-the-Mountain.* **Culture D.** Robust grower. Foliage margined white. Ht. 2 ft. Pkt. 10 cts.; ¼oz. 25 cts.

Eschscholtzia - California Poppy

Culture C. Cover seeds ⅛ in. Ht. 1 ft. Blooms midsummer to frost. Prefers sun.

The state flower of California. Its lovely silky flowers are borne in profusion. The foliage is bluish green, airy and lacy.

ERECT DWARF VARIETIES

2721 **Lovely.** Bright rose-pink suffused with salmon inside and out; satiny finish. Pkt. 10 cts.; ¼oz. 50 cts.

2722 **Mauve Beauty.** An entirely new shade of beautiful pure mauve. Pkt. 10 cts.; ¼oz. 50 cts.

2724 **Scarlet Beauty.** The brightest red in Eschscholtzias. Vivid scarlet flowers with bluish foliage. Very effective. Pkt. 10 cts.; ¼oz. 50 cts.

2725 **The Geisha.** Beautifully fluted flowers; inside yellow, outside orange-red. Pkt. 10 cts.; ¼oz. 40 cts.

2727 **White.** Large flowers. Sage-green foliage. Pkt. 10 cts.; ¼oz. 30 cts.

2730 **New Hybrids, Mixed.** A fine blend of superb colors in the new large-flowering, erect type. Pkt. 10 cts.; ¼oz. 40 cts.

SPREADING VARIETIES

2720 **Golden West.** Fine, large, golden yellow flowers, blotched with orange at the base of the petals. Pkt. 10 cts.; ¼oz. 30 cts.

2723 **Mikado.** Bright orange-crimson flowers. Pkt. 10 cts.; ¼oz. 40 cts.

2726 **Vesuvius.** Brilliant wallflower-red. Pkt. 10 cts.; ¼oz. 40 cts.

2731 **Choice Single, Mixed.** Assortment of beautiful colors. Pkt. 10 cts.; ¼oz. 30 cts.

Everlasting Flower

Culture B. Cover seeds ⅛ in. Ht. various. Blooms all summer.

A group of plants that are chiefly grown for their everlasting effect. They may be cut and dried, retaining their natural colors for indoor winter decorations.

2744 **Acroclinium roseum fl.-pl.** Many-petaled, double, rose-colored flowers. Ht. 1 to 1½ ft. Pkt. 10 cts.; ¼oz. 25 cts.

2745 **Ammobium alatum grandiflorum.** Double; pure white. Ht. 2 ft. Pkt. 10 cts.; ¼oz. 25 cts.

2748 **Gomphrena, Choice Mixed.** Upright-growing plants with showy foliage and small, brightly colored, globe-shaped flowers. Pkt. 10 cts.; ¼oz. 25 cts.

Helichrysum - Straw Flower

The best of the Everlastings. Large, very double flowers. Fine for cutting.

2750 **Fire Ball.** Crimson-scarlet.
2751 **Golden Ball.** Yellow.
2752 **Rose Queen.** Bright rose.
2753 **Salmon Queen.** Salmon.
2754 **Silver Ball.** White.
2755 **Violet Queen.** Violet.

Each of above, pkt. 10 cts.; ¼oz. 30 cts.

2759 **COLLECTION: One pkt. each of above 6 colors 50 cts.**

2757 **Finest Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

2760 **Rhodanthe Manglesi.** Neat, slender plants with silvery leaves and dainty pink and white flowers on long, nodding stems. Ht. 1½ ft. Pkt. 10 cts.; ¼oz. 25 cts.

2761 **Xeranthemum annuum.** *Immortelle.* Tall, semi-double flowers in white, rose, purple, and violet. Ht. 2 to 3 ft. Pkt. 10 cts.; ¼oz. 25 cts.

Sow Gypsophila in succession for a continuous supply

Feverfew - Matricaria

Culture B. Cover seeds $\frac{1}{16}$ in. Ht. 2½ ft. Blooms July and Aug.

2765 **Double.** A very free-flowering border plant, bearing masses of little, creamy white flowers. Pkt. 10 cts.; ¼oz. 40 cts.

Four-o'Clocks

Marvel of Peru; Mirabilis

Culture C. Cover seeds ¼ in. Ht. 2 ft. Blooms June to Sept.

A free-blooming old favorite that will thrive under all conditions. Sweet scented.

2774 **Crimson**
2775 **Lilac**
2776 **Rose**
2777 **Yellow**
2780 **White**
2782 **Finest Mixed**

Each of above, pkt. 10 cts.; oz. 25 cts.

2779 **COLLECTION: One pkt. each of above 5 colors 40 cts.**

Gaillardia - Blanket Flower

Culture B. Cover seeds ⅛ in. Ht. 1½ ft. Blooms all summer.

Showy and easily grown annuals. Excellent for the border or cutting.

2790 **Red and Gold.** Golden yellow and maroon. Pkt. 10 cts.; ¼oz. 35 cts.
2791 **Yellow.** Large; rich yellow. Pkt. 10 cts.; ¼oz. 35 cts.
2792 **Picta, Indian Chief.** Fine rich bronzy red. Pkt. 10 cts.; ¼oz. 50 cts.
2794 **Picta, Single, Mixed.** Beautiful blending of shades. Pkt. 10c.; ¼oz. 25c.
2795 **Picta, Double, Mixed.** Fine mixture of various colors. Pkt. 10 cts.; ¼oz. 30 cts.

Godetia - Satin Flower

Culture B. Cover seeds ⅛ in. Ht. various. Blooms June to Oct.

This charming hardy annual blooms profusely and bears azalea-like showy flowers of satiny texture in many rich and varied colors. Excellent for the border or as a pot-plant.

SINGLE DWARF VARIETIES 1 ft.

2815 **Fairy Queen.** Satiny white with scarlet blotches.
2816 **Lady Satin Rose.** Satiny sheen on brilliant rose.
2818 **Single, Choice Mixed.** Many rich colors.

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

TALL DOUBLE AZALEA-FLOWERED 2 ft.

2820 **Carmine**
2821 **Crimson**
2822 **Mauve**
2823 **Pink**
2825 **Choice Mixed**

Each of above, pkt. 10 cts.; ¼oz. 30 cts.

Grasses, Ornamental

Culture B. Cover seeds ⅛ in. Ht. various. Likes moisture and sun.

Specimen plants, clumps, or entire beds of harmonious varieties are always interesting. All are valuable for cutting or decorative effects in the garden.

2840 **Coix Lacryma-Jobi.** *Job's Tears.* The seeds are strung as beads. Ht. 1½ ft. Pkt. 10 cts.; oz. 25 cts.
2841 **Eragrostis elegans.** *Love Grass.* Nice for bunching with sweet peas, etc. Ht. 1½ ft. Pkt. 10 cts.; ¼oz. 25 cts.

ORNAMENTAL GRASSES, continued

2845 **Pennisetum Ruppeli.** *Purple Fountain Grass.* Purple plumes. Ht. 2½ ft. Pkt. 10 cts.; ¼oz. 35 cts.
2846 **Pennisetum villosum (longistylum).** Known as Fountain Grass. Greenish white plumes. Ht. 2½ ft. Pkt. 10 cts.; ¼oz. 30 cts.

Gypsophila

Baby's Breath

Culture B. Cover seeds ⅛ in. Ht. 1½ ft. Blooms about 6 to 7 weeks after sowing. Repeated sowings necessary for continuous bloom.

The smallest and daintiest flower in the garden. Exceptionally good for cutting.

2860 **Elegans grandiflora alba.** An improved, large-flowered, white form of the famous Covent Garden strain. Pkt. 10 cts.; ¼oz. 15 cts.; oz. 40 cts.
2861 **Elegans carminea.** Bright carmine-rose. Pkt. 10 cts.; ¼oz. 15 cts.; oz. 40 cts.
2862 **Elegans rosea.** Small, rose-pink flowers. Pkt. 10 cts.; ¼oz. 15 cts.; oz. 40 cts.
2863 **Muralis.** ● Charming rock-garden or edging variety covered all season by dainty little rose-pink flowers. Ht. 8 to 10 in. Pkt. 10 cts.; ¼oz. 35 cts.

Helianthus - Sunflower

Culture B. Cover seeds ¼ in. Ht. various. Blooms July to frost.

The larger forms are useful for massive border planting; the small-flowered type is ideal for cutting.

2875 **Cucumerifolius, Miniature.** Bushy plants producing many bright orange, single flowers. Ht. 3 ft. Pkt. 10 cts.; ¼oz. 20 cts.
2876 **Cucumerifolius, Stella.** Single; golden yellow with black disc. Pkt. 10 cts.; ¼oz. 25 cts.
2878 **Double Chrysanthemum-flowered.** Large, bright golden yellow flowers resembling chrysanthemums, borne in profusion on strong plants 6 to 8 feet tall. Pkt. 10 cts.; ¼oz. 20 cts.
2880 **New Red Sunflower.** Large, single flowers in many shades of red and combinations of red and yellow, all very showy. Ht. 5 to 7 ft. Pkt. 10 cts.; ¼oz. 20 cts.
2882 **Choice Single, Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

Heliotrope - Cherry Pie

Culture E. Cover seeds ⅛ in. Ht. 1½ ft. Blooms in midsummer.

Delightfully fragrant, desirable both for the garden and for cutting.

2885 **Black King.** Of compact growth, with very dark stems and foliage, and deep purple flowers. A fine bedding variety. Pkt. 15 cts.; ⅛oz. 60 cts.
2886 **White Lady.** Flowers white. Pkt. 15 cts.; ⅛oz. 60 cts.
2887 **Lemoine's Giant Hybrids.** Tall and strong-growing, with large flowers in white and shades of blue and violet. Pkt. 15 cts.; ⅛oz. 50 cts.

Hunnemannia

Giant Yellow Tulip Poppy

Culture C. Cover seeds ⅛ in. Ht. 1½ ft. Blooms late July to frost.

Goldencup Aristocrat among the Poppies.

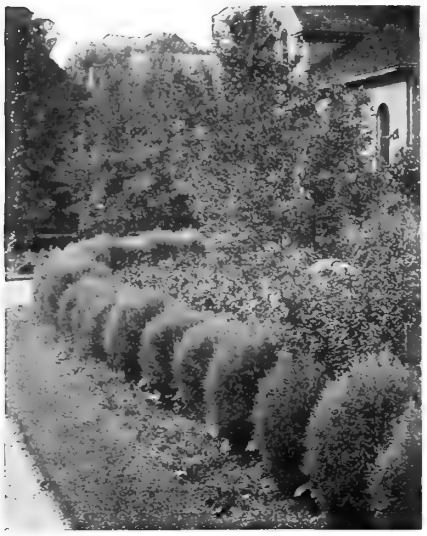
2920 **Sunlite.** Award of Merit winner. Semi-double. Pkt. 10 cts.; ¼oz. 30 cts.

Four-o'Clocks

Gypsophila elegans grandiflora alba

Hunnemannia fumariæfolia

Removing all faded flower trusses insures longer blooming



Kochia trichophylla Childsi

Kochia - Burning Bush

Culture B. Cover seeds ⅛ in. Ht. 3 ft.

2925 **Trichophylla Childsi.** Symmetrical plants which form beautiful specimens or a quick-growing hedge. Resembles a small cypress tree. Pkt. 10 cts.; ¼oz. 20 cts.

Larkspur

Annual Delphinium

Culture D. Cover seeds ⅛ in. Ht. 2 to 4 ft. Blooms July to frost.

Bears long racemes of lovely colored flowers well adapted for cut-flowers.

NEW GIANT IMPERIAL VARIETIES

Tall, upright, basal branching in habit. A decided improvement over other types. Bears long spikes of double flowers. Very ornamental.

2935 **Blue Spire.** Intense deep Oxford-blue.
2936 **Carmine King.** Deep carmine-rose.
2944 **Exquisite Pink.** Shaded salmon.
2937 **Gloria.** Rich deep rose.
2938 **Lilac Spire.** Beautiful lilac.
2940 **Peach Blossom.** Clear, light pink.
2941 **White Spire.** Dazzling pure white.
2943 **Imperial, Finest Mixed.** All colors.

Each of above, pkt. 15 cts.; ¼oz. 50 cts.

2939 **COLLECTION: One pkt. each of above 7 varieties 85 cts.**

TALL DOUBLE STOCK-FLOWERED VARIETIES

These are favorites for cutting and for tall borders. They produce many candelabra-like trusses of beautiful flowers. Vigorous, early, and free blooming.

2951 **Exquisite.** A new and most desirable color in this useful class. Exquisite, clear, light rose-pink. It is in great demand for cut-flowers. Pkt. 10 cts.; ¼oz. 50 cts.
2952 **La France.** Clear salmon-pink. Plants of upright growth, free flowering. Ideal cut-flowers. Pkt. 15 cts.; ¼oz. 50 cts.

2947 **Carmine** 2954 **Shell-Pink**
2948 **Dark Blue** 2955 **Sky-Blue**
2950 **Deep Rose** 2956 **White**
2953 **Lilac** 2958 **Choice Mixed**

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

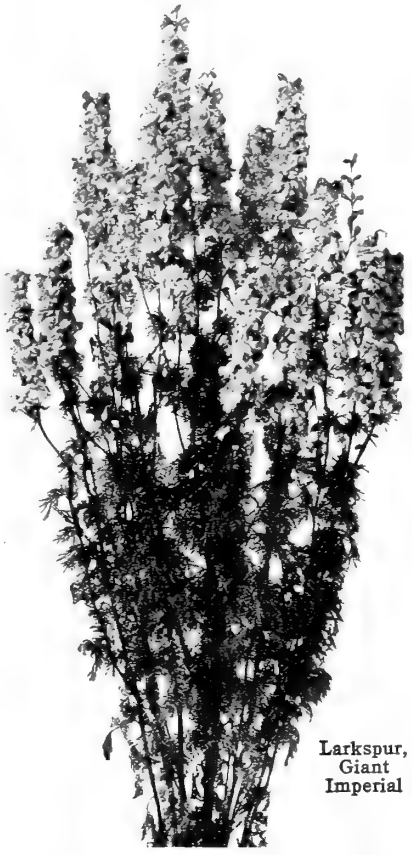
Lantana Hybrida

Culture E. Cover seeds ¼ in. Ht. various. Seed slow to germinate.

Dainty bedding or pot-plants producing verbena-like clusters of varicolored flowers.

2930 **Dwarf Compact, Mixed.** A new and improved strain. Ht. 1 ft.
2931 **Tall, Mixed.** Ht. 2 ft.

Each of above, pkt. 10 cts.; ¼oz. 30 cts.; ½oz. 50 cts.



Larkspur, Giant Imperial

Lavatera - Annual Mallow

Culture C. Cover seeds ⅛ in. Ht. 2 ft. Blooms all summer.

Splendens. Beautiful showy and bushy plants bearing a profusion of cup-shaped flowers.

2962 **Bright Rose** 2963 **Pure White**

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

Linaria

Culture B. Cover seeds ⅛ in. Ht. 1 ft. Blooms in 9 weeks from seed.

2968 **Maroccana Hybrids.** ● Small spikes resembling miniature snapdragons; brilliant colors. Pkt. 10 cts.; ¼oz. 25 cts.

for Better Flowers

Linum - Flowering Flax

Culture C. Cover seeds ⅛ in. Ht. 15 in. Blooms all summer.

2970 **Grandiflorum rubrum.** *Crimson Flax.* Showy bedding plants with brilliant glossy red flowers on delicate stems. Pkt. 10 cts.; ¼oz. 25 cts.

Lobelia

Culture E. Cover seeds ⅛ in. Ht. 6 in. Blooms continuously.

Dainty, profuse bloomers especially adapted for edging, porch-boxes, and baskets.

2975 **Compacta, Crystal Palace.** Erect and very free blooming. Rich azure-blue flowers. Dark green foliage. Pkt. 15 cts.; ⅛oz. 50 cts.
2976 **Compacta, Emperor William.** Dark blue flowers. Pkt. 15 cts.; ⅛oz. 50 cts.
2978 **Compacta, Mixed.** Excellent for bedding. Pkt. 10 cts.; ⅛oz. 50 cts.
2980 **Gracilis, Blue.** Light blue flowers. Bright green foliage. Trailing. Pkt. 10 cts.; ⅛oz. 40 cts.

Lupinus - Sun-Dial

Culture C. Cover seeds ½ in. Ht. various. Blooms midsummer.

Old favorites. Ideal for bedding or cutting.

NEW GIANT KING VARIETIES

This new giant strain grows 1½ feet taller and has 25 to 50 more blooms to the spike than the Hartwegi type.

3002 **Blue** 3003 **White** 3004 **Mixed**

Each of above, pkt. 20 cts.; 3 for 50 cts.

HARTWEGI VARIETIES

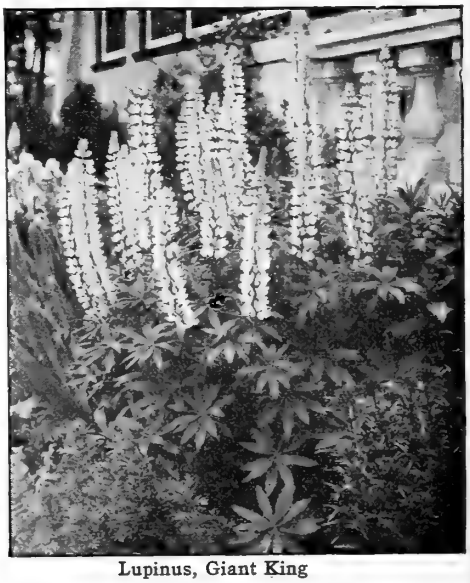
Vigorous growers with large spikes of showy flowers. Ht. 2 ft.

2987 **Dark Blue** 2990 **Sky-Blue**
2988 **Rose** 2991 **White**

Each of above, pkt. 10 cts.; ½oz. 30 cts.

2993 **Choice Mixed.** Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.

See Perennial Section for Hardy Lupines



Lupinus, Giant King

For cutting, Blue Spire Larkspur and Orange Prince Marigold

Marigold

Culture B. Cover seeds ⅛ in. Ht. various. Blooms July to frost.

The Mary's Gold of our grandmother's garden. The African class produces large flowers in orange and lemon shades; the dwarf French sorts have smaller flowers in various combinations of colors.

Three Handsome New Marigolds
Crown of Gold
Yellow Supreme
Dwarf Royal Scot
Fully described on page 3

3005 **Guinea Gold.** A variety that has endeared itself, since its introduction, to home-gardener and professional alike. Ideal for cutting, it carries its large, orange-colored, semi-double flowers on strong stems. Ht. 2½ ft. Pkt. 15 cts.; ¼oz. 75 cts.

TALL AFRICAN

3006 **Lemon Alldouble.** A fine strain of African Marigold, developed in recent years, which comes in a very high percentage of large, closely quilled, double heads, and a small percentage of loosely formed heads which are equally beautiful and useful for cutting. Pkt. 15 cts.; ¼oz. 75 cts.

3007 **Orange Alldouble.** The darker form of the preceding variety. Ht. 2½ ft. Pkt. 15 cts.; ¼oz. 75 cts.

3008 **Lemon Queen.** Soft lemon-yellow. Pkt. 10 cts.; ¼oz. 50 cts.

3010 **Orange Prince.** Deep golden orange. Pkt. 10 cts.; ¼oz. 50 cts.

3012 **Finest Double African, Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

DWARF FRENCH

3015 **Golden Ball.** Pure golden yellow, double flowers of good size. Pkt. 10 cts.; ¼oz. 30 cts.

3016 **Gold-striped.** Double flowers; golden yellow striped mahogany-red. Pkt. 10 cts.; ¼oz. 30 cts.

3017 **Finest Double French, Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

3020 **Legion of Honor (Little Brownie).** A charming single-flowering Marigold forming compact bushes 9 inches high. Flowers bright yellow, blotched with brown. Pkt. 10 cts.; ¼oz. 30 cts.

3021 **Signata pumila (Tagetes).** ● Dwarf, compact, and bushy; grows 9 inches high and is splendid for edging; covered with flowers of brilliant golden yellow. Pkt. 10 cts.; ¼oz. 50 cts.

Marigold, Guinea Gold

Mesembryanthemum ●

Culture B. Cover seeds ¼ in. Ht. 6 in.

3027 **Crystallinum.** *Ice Plant.* Fleshy, flat leaves covered with ice-like globules. Small white flowers. Pkt. 10 cts.; ¼oz. 25 cts.

3028 **Tricolor.** *Wax Plant.* Leaves elongated, almost cylindrical. Flowers crimson, pink, and white. Pkt. 15c.; ¼oz. 50c.

Mignonette - Reseda

Culture A. Cover seeds ⅛ in. Ht. 15 in.

Owing to its fragrance, is indispensable for bedding, cutting, and potting for winter. For succession of bloom make a second sowing in July.

3030 **Defiance.** Long spikes of grayish white florets. One of the best for cutting. Pkt. 10 cts.; ¼oz. 25 cts.

3031 **Giant Crimson** or **Goliath.** Large, uniform trusses of deep red flowers. Fine for forcing as well as outdoors. Pkt. 15 cts.; ¼oz. 50 cts.

3032 **Giant Machet.** An extra-select, mammoth-flowering strain of the popular Machet variety. Florets reddish green. Pkt. 10 cts.; ¼oz. 30 cts.

3033 **Giant White Pearl.** Long, broad trusses of white blossoms. The finest white variety. Pkt. 15 cts.; ¼oz. 50 cts.

3034 **Old - fashioned Sweet - scented.** Dwarf, with many small spikes of fragrant blossoms. Pkt. 10 cts.; ½oz. 25 cts.

3029 **COLLECTION: One pkt. each of the above 5 sorts 50 cts.**

Mimosa - Sensitive Plant

Culture E. Cover seeds ⅛ in. Ht. 1½ ft.

3036 **Pudica.** A neat ornamental plant, the leaves of which fold as soon as they are touched. Pkt. 10 cts.; ¼oz. 25 cts.

New Gleam Nasturtiums

Morning-Glory, Dwarf

Convolvulus minor

Culture B. Cover seeds ⅛ in. Ht. 1 ft.

3050 **Choice Mixed.** ● Showy in beds and borders and on rockwork, thriving in any sunny location. Bright assortment of colors. Pkt. 10 cts.; ½oz. 15 cts.; oz. 25 cts.

See Vine Section for other Morning-Glories

Beckert's Superb Nasturtiums

Culture C. Cover seeds ½ in. Bloom throughout the summer. Prefers a sunny location.

Few garden annuals respond with as little care as the Nasturtium. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, they are unexcelled.

LARGE-FLOWERED DWARF NASTURTIUMS

Of dwarf, compact growth; excellent for borders or for bedding. Free blooming from June until frost. Ht. about 1 ft.

3080 **Chameleon.** Combination of red and yellow flowers.

3081 **Cloth of Gold.** Bright scarlet. Golden foliage.

3082 **Empress of India.** Deep scarlet. Dark leaves.

3083 **Golden Queen.** Deep yellow.

3084 **The Pearl.** Creamy white.

3085 **Vesuvius.** Fine salmon-rose.

Each of above, pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

3089 **COLLECTION: One pkt. each of the above 6 colors 50 cts.**

3087 **Dwarf Superb Mixed.** Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.50.

LARGE-FLOWERED TALL NASTURTIUMS

Will cover walls, trellises, fences, etc. in a short time. Free blooming from summer until frost. Seed-pods, if gathered when green and tender, are useful for pickling. Ht. 6 to 10 ft.

3090 **Cloth of Gold.** Fiery red. Golden foliage.

3091 **Golden Queen.** Sunflower-yellow.

3092 **Pearl.** Creamy white.

3093 **Salmon-Rose.** Exquisite salmony rose.

3094 **Spitfire.** Soft rosy scarlet.

3095 **Sunlight.** Glowing orange.

Each of above, pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

3099 **COLLECTION: One pkt. each of the above 6 colors 50 cts.**

3097 **Tall Superb Mixed.** Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.50.

New Gleam Nasturtiums

3076 **Scarlet Gleam.** Semi-dwarf in growth. The ruffled, fiery orange-scarlet blossoms are carried on long, stiff stems. They are often 3 inches across and delightfully fragrant. Pkt. 15 cts.; ½oz. 50 cts.

3070 **Gleam Hybrids.** Large, well-formed, ruffled, semi-double flowers in a brilliant array of colors never seen before in double-flowering Nasturtiums. Pkt. 15 cts.; ½oz. 40 cts.

3075 **Golden Gleam.** One of the newer outstanding Nasturtiums. A vigorous, semi-dwarf plant, producing innumerable, large, semi-double flowers on long, stiff stems. Very fragrant. Pkt. 10 cts.; ½oz. 25 cts.

Our Superb Pansy Mixture for size and brilliance of bloom

Nicotiana

Nemesia •

Culture E. Cover seeds $\frac{1}{16}$ in. Ht. 1 ft.

Strumosa Suttoni. Free-blooming, bushy plants for edging and pot-culture. The orchid-like flowers bloom throughout the summer and fall.

3105 **Blue** 3107 **Rose**
3106 **Orange** 3108 **Mixed**

Each of above, pkt. 25 cts.

Nemophila - Baby-Eyes •

Culture C. Cover seeds ⅛ in. Ht. 1 ft. Blooms throughout the summer.

3110 **Choice Mixed.** Small dainty plants of spreading habit with cup-shaped flowers of blue and white. Pkt. 10 cts.; ¼oz. 25 cts.

Nicotiana

Sweet-flowering Tobacco

Culture A. Cover seed $\frac{1}{16}$ in. Ht. 2½ to 3 ft. Blooms midsummer to frost.

Beautiful border plants, sometimes used for pots and boxes. Easy to grow from seed. The flowers open toward evening and have a delightful sweet odor.

3112 **Affinis.** The best-known variety. Clusters of white, trumpet-shaped flowers on long stems, from June until frost. Pkt. 10 cts.; ¼oz. 25 cts.

3113 **Affinis Hybrids.** Like Affinis, but with larger flowers in shades of pink and white. Pkt. 10 cts.; ¼oz. 25 cts.

3114 **Sanderæ Hybrids.** A splendid strain with large, white, pink, lavender, blood-red, and purple flowers. Pkt. 10 cts.; ¼oz. 30 cts.

3115 **Crimson Bedder.** A compact, semi-dwarf variety, 15 to 20 inches in height, producing showy, deep crimson flowers. Pkt. 15 cts.; ¼oz. 35 cts.

Nierembergia - Cup Flower

Culture E. Cover seeds ⅛ in. Ht. 2½ ft. Blooms June to Aug.

3117 **Frutescens.** Very pretty border plants of bushy growth with feathery foliage. Flowers in white and shades of pink and lavender, with yellow centers. Pkt. 10 cts.; ¼oz. 75 cts.

Nigella, Miss Jekyll

Nigella

Culture D. Cover seeds ¼ in. Ht. 1½ ft.

3120 **Damascena, Mixed.** *Love-in-a-Mist.* A compact, free-flowering plant with fine feathery foliage. Flowers are of blue and white and are followed by curious-looking seed-pods. Pkt. 10 cts.; ¼oz. 25 cts.

3121 **Miss Jekyll.** Double cornflower-blue flowers with feathery green foliage. Fine for cutting. Pkt. 10 cts.; ¼oz. 25 cts.

Giant Pansies

Beckert's Superb Pansies •

Culture G. Cover seeds ⅛ in. Ht. 6 in.

No garden lover will consider his garden complete without a bed or border of Pansies. Sowing them early in the season, they will start to bloom 10 weeks after sowing, and will flower the rest of the summer months. After the first or second heavy freeze, cover them with straw or leaves and in early spring remove this covering and they will flower very quickly and continue to bloom all season. Remove all faded flowers, and water thoroughly during hot weather for best results.

GIANT PANSIES IN MIXTURES

3130 **BECKERT'S SUPERB MIXTURE of Giant-Flowering Exhibition Pansies.** A blending of our own containing only the very choicest seed secured from the leading Pansy specialists. It can be relied on to produce flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 50 cts.; ⅛oz. $1.75; oz. $10.00.

3131 **Englemann's Special Mixture.** A strong vigorous type in which the blooms are of gigantic size measuring 3 to 4 inches across. The flowers are mostly bronze and reddish shades with some yellow-edged ones. Plants are compact and early flowering. Pkt. 75 cts.; 3 pkts. $2.00.

3141 **Perfection Giant Mixture.** Immense flowers of velvety texture and perfect form in gorgeous colors with beautiful markings. Pkt. 35 cts.; ⅛oz. $1.50.

3132 **Cassier's Giants.** A splendid mixture of large, round flowers in the brightest colors; marked with a distinct blotch on the base of each petal. Pkt. 25 cts.; ⅛oz. 75 cts.

3133 **Masterpiece.** Each petal is elegantly frilled or curled. The flowers are quite large and rich in mauve, red, and velvety brown shades. Pkt. 25 cts.; ⅛oz. $1.00.

3134 **Mme. Perret.** A famous French strain. Flowers are of large size in a wine shade. Pkt. 25 cts.; ⅛oz. 75 cts.

3135 **Giant Trimardeau.** Produces flowers of giant size with round overlapping petals. Plants are vigorous, compact, and excellent bedders. Pkt. 10 cts.; ¼oz. $1.00.

GIANT PANSIES, SEPARATE COLORS

This beautiful class produces large flowers with round, overlapping petals. The plants are vigorous and free blooming, compact in growth and of ideal bedding habit.

3150 **Azure-Blue.** Violet-blue.
3151 **Black King.** Shining black.
3152 **Cardinal.** Rich cardinal-red.
3153 **Golden Queen.** Pure bright yellow.
3154 **Lord Beaconsfield.** Violet, shading to white on upper petals.
3155 **Royal Purple.** Dark, velvety purple.
3156 **Snow Queen.** Pure, satiny white.

Each of above, pkt. 10 cts.; ¼oz. $1.00

3159 **COLLECTION: One pkt. each of the above 7 varieties 60 cts.**

Let us know if we can help on your garden problems

SWISS GIANT PANSIES

This strain represents years of painstaking work on the part of Pansy breeders. It is the very cream of Giant Pansies producing flowers of magnificent size and form in rare colors, with some shades previously unknown in Pansies.

3136 **Alpenglow.** Striking and attractive shades of cardinal and garnet.

3137 **Lake of Thun (Ullswater).** An exquisite ultramarine-blue with a darker blue blotch on the petals.

3138 **Rhinegold.** Gigantic golden yellow with rich deep brown blotches.

Each of above, pkt. 35 cts.; ⅛oz. $1.50

3140 **Swiss Giant Finest Mixed.** A wonderful range of colors. Pkt. 30 cts.; ⅛oz. $1.25.

VIOLA OR TUFTED PANSIES

The flowers of the Tufted Pansies are smaller than the regular Pansies, but as they bloom so profusely, they are preferred to ordinary Pansies where color, bedding effect and long blooming season are desired.

3165 **Arkwright Ruby.** *New.* A new variety producing much larger, fragrant blooms than other Violas. Rich ruby-crimson shaded to terra-cotta. Pkt. 50 cts.

3160 **Apricot.** A recent introduction. Beautiful rich apricot-yellow, tinged orange. Pkt. 25 cts.

3161 **Blue Perfection.** Deep rich blue. Pkt. 15 cts.; ¼oz. 75 cts.

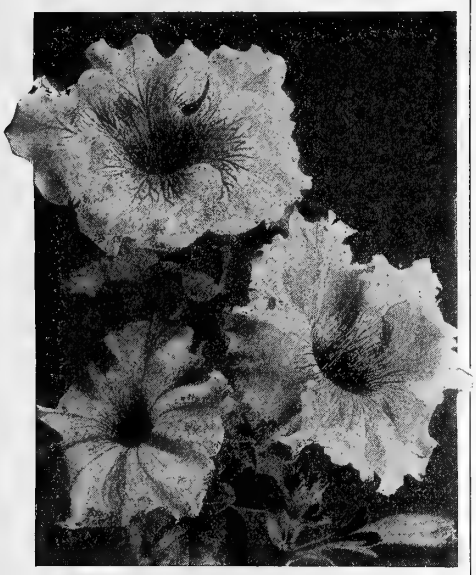
3162 **Jersey Gem.** Pure rich violet, remarkably free bloomer. Plants are sturdy, compact, and possess unusual drought-resistance. Pkt. 35 cts.

3163 **Lutea splendens.** Rich golden yellow. Pkt. 15 cts.; ¼oz. 75 cts.

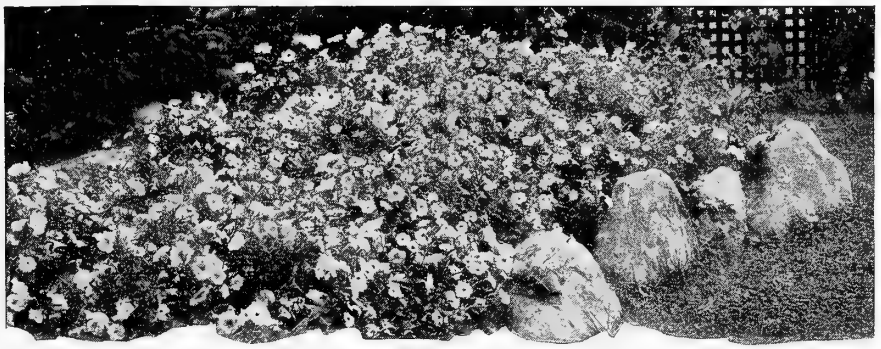
3164 **White Perfection.** Pure white. Pkt. 15 cts.; ¼oz. $1.00.

3166 **Cornuta, Mixed.** A splendid mixture. Pkt. 10 cts.; ¼oz. 75 cts.

3170 **VIOLET** (*Viola odorata*). Single, fragrant Violet. Hardy and free blooming. Pkt. 25 cts.



Martha Washington Petunias



Petunia, Rosy Morn

Petunias

Culture A. Cover seeds $\frac{1}{16}$ in. Ht. various. Blooms through summer and fall.

Wonderfully vigorous and free flowering, thriving on any soil and in the hottest weather; few flowers are so generally satisfactory in our trying climate as the Petunias. Ingenious hybridizing has multiplied this family into many diverse forms. Single or double flowering, plain or fringed petals, tall or dwarf growth may all be had remarkably true from seed. Petunias are valuable for bedding, baskets, and window-boxes.

GIANT-FLOWERING PETUNIAS

3190 **Giants of California.** The flowers are of immense size, fringed and ruffled, with attractive deep throats. Wide assortment of brilliant colors. Pkt. 35 cts.; 3 pkts. $1.00.

3191 **Dwarf Giants of California.** A dwarf strain of the well-known Giants of California. Excellent for pot-culture and bedding. Flowers beautifully ruffled and fringed. Pkt. 50 cts.; 3 pkts. $1.25.

3192 **Giant Double Marvelous.** Elegantly formed, fringed blooms of the largest size. An unexcelled mixture producing a large percentage of doubles. Pkt. $1.00.

3193 **Beckert's Large-flowering Fringed.** Beautiful, velvety, large, fringed blooms in a wide assortment of colors. Pkt. 25 cts.

3194 **Theodosia.** Large, fringed, rosy pink with a clear golden center. Pkt. 35 cts.

3195 **Purple Prince.** (Plain edge.) Large deep velvety purple blooms. Pkt. 25 cts.

3196 **Scarlet Beauty.** Large, fringed, scarlet shading to rose in the throat. Pkt. 25c.

3197 **White Cloud.** Very free-blooming, compact plants. Large, pure white blooms measuring 3 to 3½ inches in diameter. Plain edge. Pkt. 35 cts.

3198 **White Beauty.** Exquisite flowers of snowy whiteness, elegantly frilled and fringed. Pkt. 25 cts.

SINGLE BEDDING PETUNIAS

3217 **Martha Washington.** Ruffled Nana compacta type. About 9 inches in height, it forms a perfect ball effect, literally smothered with lovely frilled blooms, blush-pink in color, deepening to a rich wine-red throat. Pkt. 40 cts.

3200 **Dwarf Inimitable.** Flowers in many shades of deep rose, red, and maroon, striped and blotched with white and pink. Fine for edging. Pkt. 10 cts.; ⅛oz. 60 cts.

3201 **Howard's Star.** Deep red flowers, each marked with a large and distinct star of white or bluish pink. Pkt. 10 cts.; ⅛oz. 60 cts.

3202 **Rose of Heaven.** Brilliant rich rose-colored flowers. Pkt. 10 cts.; ⅛oz. 60 cts.

3203 **Rosy Morn.** A very bright shade of rose, lighter in the throat. Very free blooming. Pkt. 15 cts.; ⅛oz. 60 cts.

3204 **Snowball.** Lovely pure white flowers that completely cover the plant. Pkt. 10 cts.; ⅛oz. 60 cts.

3205 **Violacea.** Rich velvety violet-blue. Pkt. 15 cts.; ⅛oz. 60 cts.

3206 **General Dodds.** Velvety blood-red. Pkt. 10 cts.; ⅛oz. 60 cts.

3207 **Pink Gem.** A vigorous, neat, and compact plant, 6 to 8 inches high, virtually covered with deep pink blooms 2 inches across. Ideal bedder. Pkt. 15c; ⅛oz. 75c.

3210 **Heavenly Blue.** A silvery light blue. Makes a fine combination when planted with Rosy Morn. Pkt. 15 cts.; ⅛oz. $1.00.

3208 **DeLuxe Bedding Mixed.** An excellent bedding mixture. Pkt. 10c; ¼oz. 50c.

BALCONY PETUNIAS

This type has become very popular within the last few years. They are free blooming, trailing in growth, with large flowers. Particularly suited to hanging-baskets, porch-boxes, etc., and showy in beds.

3211 **Balcony Blue (Violet Queen).** An outstanding variety, with large flowers of a beautiful, clear violet-blue color. Pkt. 20 cts.; ⅛oz. $1.

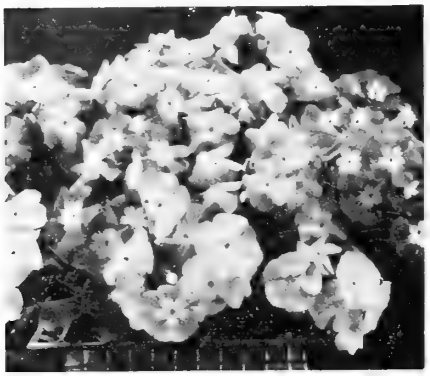
3212 **Crimson** 3214 **White**
3213 **Rose** 3216 **Finest Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 75 cts.

3219 **COLLECTION: One pkt. each of the above 4 colors 50 cts.**

Petunia, Theodosia

Ricinus will add a sub-tropical touch to your garden



Phlox Drummondi, Art Shades

Phlox - Flame Flower

Culture B. Cover seeds ⅛ in. Ht. various. Blooms July to fall. Prefers full sun.

A veritable rainbow of colors may be obtained with the brilliant flowers of Annual Phlox. Splendid for bed, border, or cutting; also ideal as a filler between gladiolus. Remove faded flowers and plants will bloom continuously until frost.

3227 GIGANTEA ART SHADES

A wonderful strain of Drummondi with enormous flowers in the softest of colors. Ideal for obtaining the soft color effect so often admired and so hard to obtain in the garden. Pkt. 20 cts.; ⅛oz. $1.25.

DRUMMONDI GRANDIFLORA

Improved, large-flowering, tall varieties, producing their showy trusses of big, round florets from early July until fall. Ht. 12 to 15 in.

3220 **Blood-Red**
3221 **Bright Rose**
3222 **Primrose-Yellow**
3223 **Scarlet**
3224 **Shell-Pink**
3225 **Violet**
3226 **White**

Each of above, pkt. 10 cts.; ¼oz. 50 cts.

3229 **COLLECTION: One pkt. each of the above 7 colors 55 cts.**

3230 **Finest Mixed.** The very finest mixture of large-flowering, tall varieties. Pkt. 10 cts.; ¼oz. 40 cts.

3231 **Dwarf, Finest Mixed.** ● Large-flowering. Ht. 8 in. Pkt. 10 cts.; ¼oz. 75 cts.

3232 **Starred and Fringed, Mixed.** Flowers of many colors with deeply fringed and pointed petals. Pkt. 10 cts.; ¼oz. 50 cts.

3233 **Dwarf Cecily, Mixed.** ● Extra-large trusses. Ht. 6 to 8 in. Pkt. 15 cts.; ⅛oz. 75 cts.

For Perennial varieties of Poppies turn to page 26

Poppies - Papaver

Culture D. Cover seeds ⅛ in. Ht. various.

Favorites of the old-fashioned garden, they have carried their delightful colors into the garden of the present. If the flowers are cut while still in bud, they open and last a long time in water. Remove all faded flowers to prevent them going to seed and thus keeping more flowers from forming. It is best to sow at intervals directly into permanent location, so as to keep up a succession of bloom.

SINGLE ANNUAL POPPIES

3250 **American Legion.** Lovely, single, bright orange-scarlet blooms on white ground. Ht. 2 ft.

3251 **Blue Shades.** Grayish blue.

3252 **Danebrog** (Danish Cross). Bright red with white spots at the base which form a cross. Ht. 3 ft.

3253 **The Bride.** Large pure snowy white flowers with fringed petals.

3254 **Tulip** (*Papaver glaucum*). Flowers are brilliant scarlet, cup-shape. Ht. 1 to 1½ ft.

3255 **Wild Rose.** Soft shades of rose and pink. Ht. 2 ft.

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

3259 **COLLECTION: One pkt. each of the above 6 varieties 50 cts.**

3258 **Single Annual Shirley, Mixed.** Beautiful colors in delicate shades varying from pure white and delicate pink to rosy carmine and deep crimson. Ht. 2 to 2½ ft. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 50 cts.

DOUBLE ANNUAL POPPIES

3260 **American Flag.** Large, snow-white flowers, bordered with scarlet. Ht. 3 ft. Pkt. 10 cts.; ¼oz. 25 cts.

3261 **Heliotrope.** Carnation-flowered; fringed edges. Pkt. 10 cts.; ¼oz. 25 cts.

3262 **Sweetbriar.** Full, double, begonia-like flowers of a delightful shade of deep rose-pink. Pkt. 15 cts.; ¼oz. 50 cts.

3263 **White Swan.** Very large, double, pure white flowers. Pkt. 10 cts.; ¼oz. 25 cts.

3265 **Carnation-flowered, Mixed.** Large, ball-shaped flowers with petals beautifully fringed. Ht. 3 ft. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 50 cts.

3266 **Peony-flowered, Mixed.** Elegant, double, peony-like flowers in many bright colors. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 50 cts.

3267 **Shirley Double Annual, Mixed.** Beautiful, double and semi-double flowers in a wide range of colors. Ht. 2 to 2½ ft. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Portulaca - Rose-Moss ●

Culture C. Cover seeds ⅛ in. Ht. 5 in. Blooms all summer.

Ideal for massing in beds, edgings, or rockery. Easy to grow, thriving even in the poorest soil and in dry locations. The flowers, which are of the richest colors, are produced throughout the summer.

3275 **Single, Finest Mixed.** A wide assortment of colors. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

3276 **Double, Finest Mixed.** Extra-fine quality. Flowers like little roses; a large percentage come double. Pkt. 15 cts.; ¼oz. 75 cts.; oz. $2.50.

Ricinus Communis

Castor-Oil Plant

Culture B. Cover seeds ½ in. Ht. various.

Nothing surpasses these in sub-tropical effectiveness. Some will very easily reach a height of 10 to 12 feet, and others a height of 15 feet or more, according to treatment. For quicker results start seeds in pots.

3305 **Borboniensis arboreus.** Imposing, tree-like variety with giant leaves. Ht. 15 ft. Pkt. 10 cts.; oz. 25 cts.

3306 **Cambodgensis.** Beautiful dark foliage. Stems almost black. Ht. 5 ft. Pkt. 10 cts.; oz. 25 cts.

RICINUS, continued

3307 **Gibsoni.** Dark purple leaves and stems. Dwarf habit. Ht. 4 ft. Pkt. 10 cts.; oz. 25 cts.

3308 **Sanguineus.** A very ornamental variety. Stalk and fruit vessels blood-red. Very good for contrast when planted with green-foliaged varieties. Ht. 8 ft. Pkt. 10 cts.; oz. 25 cts.

3310 **Zanzibarensis, Mixed.** Fine varieties for specimen plants or groups; mostly green-leaved. Rapid growing. Pkt. 10 cts.; oz. 20 cts.

Rudbeckia

Culture B. Cover seeds ¼ in. Ht. 2 ft.

3312 **Bicolor superba.** Very profuse bloomer. Effective in the garden and also good for cutting. Flowers bright yellow with brown discs. Pkt. 10 cts.; ¼oz. 30 cts.

Salpiglossis - Painted Tongue

Culture B. Cover seeds ⅛ in. Ht. 2½ ft. Blooms midsummer to frost.

A gorgeous display is given by these plants during the hot summer days. Their coloring is wonderfully rich, and the funnel-shaped flowers are marvelously painted and penciled, having the appearance of numerous overlapping petals.

3320 **Brown and Gold**
3321 **Crimson**
3322 **Purple and Gold**
3323 **Rose and Gold**
3324 **Scarlet and Gold**
3325 **White and Gold**

Each of above, pkt. 10 cts.; ¼oz. 50 cts.

3329 **COLLECTION: One pkt. each of above 6 colors 50 cts.**

3327 **Finest Mixed.** Pkt. 10 cts.; ¼oz. 40 cts.

Saponaria - Soapwort

Culture B. Cover seeds ⅛ in. Ht. 2 ft.

3343 **Vaccaria.** Flowers of a rich satiny pink, resembling an enlarged gypsophila. Fine for cutting. Pkt. 10 cts.; ¼oz. 25 cts.

Salpiglossis

Soft colors and long stems make Scabiosa desirable for cutting

Salvia - Scarlet Sage

Culture A. Cover seeds ¼ in. Ht. various. Blooms July to frost.

Salvia is highly valued for its brilliant scarlet display, its adaptability to location, and profusion of bloom.

3330 **America (Globe of Fire).** The freest and most continuous bloomer of all the Scarlet Sages; also the most uniform in habit of growth. Ht. 1½ ft. Pkt. 20 cts.; ⅛oz. 75 cts.

3331 **Bonfire.** Very compact in growth, with erect spikes. Brightest scarlet. Ht. 2 ft. Pkt. 15 cts.; ⅛oz. 75 cts.

3332 **Splendens.** The type variety. Bright red. Ht. 3 ft. Pkt. 10 cts.; ⅛oz. 40 cts.

3333 **Zurich (Lord Fauntleroy).** Dwarf. Early and free flowering. A splendid strain. Ht. 1½ ft. Pkt. 15 cts.; ⅛oz. 75 cts.

See Perennial Section for Blue Salvias

Sanvitalia — Creeping Zinnia

Culture B. Cover seeds ⅛ in. Ht. 6 in. Blooms July to early fall.

3340 **Procumbens fl.-pl.** ● Dwarf, creeping plants suitable for dwarf beds, edgings, or borders. The bright golden yellow flowers have dark centers and resemble tiny zinnias. Pkt. 10 cts.; ¼oz. 50 cts.

Scabiosa — Pin-cushion Flower

Culture B. Cover seeds ⅛ in. Ht. 2½ ft. Blooms early July to frost.

Extremely free-flowering plants of easy culture. Splendid for beds and borders and produces very attractive cut-flowers. Sometimes grown for winter bloom.

NEW

Scabiosa grandiflora, Rosette

See Novelty page 3

OUTSTANDING SCABIOSAS

3355 **Loveliness.** Shades of salmon-rose.

3356 **Peach Blossom.** Peach-blossom-pink.

Each of above, pkt. 15 cts.; ⅛oz. 50 cts.

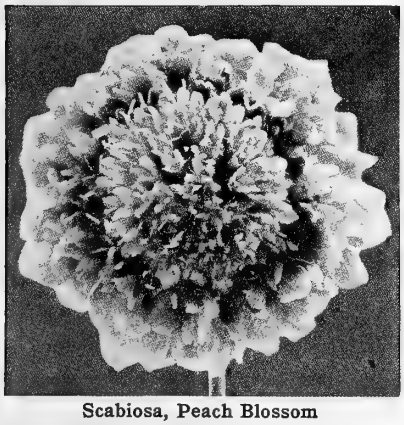
LARGE-FLOWERING VARIETIES

Constant and free bloomers, the plants are masses of color all summer.

3350 **Azure-Blue**
3351 **Black King**
3352 **Crimson**
3353 **Rose**
3354 **White**
3357 **Yellow**
3360 **Finest Mixed**

Each of above, pkt. 10 cts.; ⅛oz. 30 cts.

3359 **COLLECTION: One pkt. each of above 6 colors 50 cts.**



Scabiosa, Peach Blossom

Schizanthus

Butterfly Flower

Culture B. Cover seeds ⅛ in. Ht. 2 ft.

A plant of rare beauty and elegance, both for garden decoration and as a pot-plant indoors. The dainty flowers come in a wide range of colors and are delicately spotted and blotched, resembling miniature butterflies. Pinching the center out of young plants will make them more vigorous and bushy.

3365 **Dr. Badger's Giant-flowering Hybrids.** A fine, large-flowering strain in a wide range of marvelous colors. Pkt. 25 cts.

3366 **Wisetonensis, Excelsior.** An excellent strain containing a wide range of colors. Pkt. 25 cts.

3364 **Excelsior compactus.** Excellent for pot-culture. Grows 6 to 8 inches high and is very compact and pyramidal. Free blooming, in a mixture of all the popular shades. Pkt. 35 cts.

Statice

Culture A. Cover seed ⅛ in. Ht. 1½ ft. Blooms July to Aug.

Splendid plants grown for garden display and used largely for winter bouquets. Seed germinates very slowly.

3385 **Sinuata, Choice Mixed.** All colors mixed. Pkt. 10 cts.; ¼oz. 25 cts.

3386 **Suworowi.** *Russian Cat-tail.* Spikes of tall rose flowers. Pkt. 10 cts.; ¼oz. 40 cts.

Stocks - Gilliflower

Culture A. Cover seeds ⅛ in. Ht. 2 ft. Blooms all summer.

Always desirable on account of their unusual fragrance. Stocks are general favorites for bedding and cutting, and also for pot-plants during the winter months. Outdoors they like a well-enriched soil with plenty of moisture and some shade during the hot months.

NEW NON-BRANCHING STOCKS

Giant Column Type, Double Excelsior

A strikingly fine class of Stocks, especially adaptable for greenhouse culture as they can be grown close together, producing but one giant spike 2 to 3 feet in height with extra-large blooms. They bloom about 10 days earlier than the branching Bismarcks and have a high percentage of doubles.

3430 **Ball's White**
3431 **Chamois-Pink**
3432 **Lilac-Lavender**
3433 **Old-Rose**
3434 **Choice Mixed**

Each of above, pkt. 50 cts.; 3 pkts. $1.25

EARLY GIANT IMPERIAL VARIETIES

(Improved Bismarck)

Of branching habit, the large flowers and long stems of this class make it especially desirable for cutting. Very early blooming; high percentage of doubles.

3400 **Blood-Red**
3401 **Canary-Yellow**
3402 **Dark Blue**
3403 **Deep Rose**
3404 **Lavender**
3405 **White**
3407 **Choice Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 75 cts.

3409 **COLLECTION: One pkt. each of above 6 colors 75 cts.**

Stocks

IMPROVED PERFECTION STOCKS

(Double Branching; Florist's Strain)

These are an improvement on the variety offered as Ten-Weeks' Stock. They are of splendid pyramidal growth, freely branching from the main stem, giving an abundance of large spikes of double flowers.

3410 **Canary-Yellow**
3411 **Chamois-Rose**
3412 **Dark Blue**
3413 **Fiery Crimson**
3414 **Light Blue**
3415 **White**
3417 **Choice Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 65 cts.

3419 **COLLECTION: One pkt. each of above 6 colors 75 cts.**

GIANT-FLOWERING BEAUTY STOCKS

This class is of special value for winter flowering to provide cut-flowers. Start seed indoors from July to September for winter forcing; if started in March will bloom outdoors from midsummer until frost.

3420 **Beauty of Nice.** Delicate pink.
3421 **Crimson King.** Brilliant crimson.
3422 **Mont Blanc.** Pure white.
3423 **Monte Carlo.** Canary-yellow.
3424 **Queen Alexandra.** Rosy lilac.
3425 **Summer Night.** Rich deep blue.
3427 **Choice Mixed.**

Each of above, pkt. 15 cts.; ⅛oz. 65 cts.

3429 **COLLECTION: One pkt. each of above 6 colors 75 cts.**

For extra-early flowering start Sweet Peas indoors March 1

Beckert's Superb Spencer or Orchid-Flowering Sweet Peas

Culture. Sweet Peas delight in having their roots in cool, deep soil. The ground should be prepared as early in the spring as it is dry enough to work. Dig a trench 1 foot wide by 1½ feet deep in which put at the bottom 6 inches of rotted manure or mixed peat moss and sheep manure and tread down firmly; fill the trench to within 6 inches of the surface with garden soil.

Sow the seed 2 inches apart, cover ¾ of an inch, and after growth has started, thin out the plants to stand 6 inches apart and fill up the trench level with the surface. When the young plants produce tendrils, provide support of brush, wire netting, or trellis. To prevent the soil baking, mulch the rows with peat moss, straw, or litter. The blooming period will be prolonged by keeping the faded flowers picked.

The flowers of the Spencer or Orchid-flowered type are of extraordinary size, with beautifully waved standards and wide-spreading wings, round and open, often measuring 2 inches or more across. A large percentage bear four of these immense blossoms to the stem, and the stems are long and strong, making them of exceptional value for cutting.

Summer-flowering Varieties

BLUE AND LAVENDER

3450 **Blue Bird.** Beautiful clear blue of unusual merit.

3452 **Gleneagles.** Very large; pale blue-lavender. Stem long and strong.

3454 **Olympia.** Lovely blooms of rich and bright purple. Very free blooming.

CERISE

3456 **Charming.** Flowers of largest size; bright glowing cerise with salmon sheen.

3458 **Royal Salute.** Deep cerise flowers.

CREAM

3460 **Daffodil.** Large, light cream-colored blooms, beautifully frilled.

3462 **Sunkist.** Magnificent shade of cream with a lovely edge of pink.

3464 **What Joy.** One of the best of the newer cream colors—deep primrose-yellow.

CRIMSON AND MAROON

3466 **Crimson King.** Extra-large blossoms of deep crimson.

3468 **Sybil Henshaw.** Splendid new variety of striking rich crimson.

3470 **The Sultan.** Large, deep velvety maroon flowers on strong stems.

ORANGE

3472 **Colorado.** Large and finely formed blooms of pure rich orange.

3474 **Pirate Gold.** New tint of deep golden orange; blooms of large size.

PINK

3476 **Damask Rose.** Lovely blooms of beautiful rosy crimson on long stems.

3478 **Del Monte.** Charming salmon-cerise-pink; large well-waved blooms.

3480 **Rosie.** Well-formed blooms on fine long stem; warm rose-pink color.

3482 **Royal Pink.** Charming blend of bright pink and orange, large waved blooms.

3484 **Mary Pickford.** Nicely waved petals of a dainty clear pink, suffused salmon.

WHITE

3486 **Avalanche.** Beautiful pure white flowers, well frilled.

3488 **Youth.** White ground with a delicate pink edge.

Each of above, pkt. 10 cts.; oz. 30 cts.; ¼lb. $1.00

BECKERT'S SUPERB MIXTURE

3498 Our special mixture is made up of the finest named varieties of true Spencer-type Sweet Peas. It comprises a wide assortment of colors. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.00.

Early or Winter-flowering Spencer Sweet Peas

Early or Winter-flowering Spencers are now grown largely for winter bloom and are in great demand by florists. They are equally desirable, however, for outdoor planting, as they come into bloom two or three weeks ahead of the standard Spencer varieties and, if kept cut, will continue to bloom nearly as long.

FOUR NEWER VARIETIES EARLY OR WINTER-FLOWERING SWEET PEAS

3514 **APOLLO.** (Long-stemmed.) Belongs to the new race of long-stemmed Early Sweet Peas. In color it is a soft salmon-pink self, blending perfectly with most pink and lavender tints. The flowers are unusually large, nicely waved, splendidly placed, and the stems very long. Pkt. 20 cts.; ½oz. 40 cts.; oz. 75 cts.

3520 **FASCINATION.** A rich and deep salmon-rose-pink in which the delightful color combination, the size of the blooms, and the long stems have met the exacting requirements of the most critical grower. Pkt. 15 cts.; ½oz. 35 cts.; oz. 65 cts.

3528 **MISS ANNIE LAURIE.** Constitutes the richest tone of pure rose-pink ever produced in a Sweet Pea. The long stems are maintained throughout its blooming period, and it is an abundant, prolific, and continuous bloomer. Pkt. 20 cts.; ½oz. 40 cts.; oz. 75 cts.

3530 **PAL.** (Long-stemmed.) Early Pal has developed a combination of rose and crimson which holds the brightness and depth of color. The stems are long and strong and the flowers are of excellent form, large and bold. The vines are vigorous in growth and very free flowering. Pkt. 20 cts.; ½oz. 40 cts.; oz. 75 cts.

TEN SUPERB EARLY OR WINTER-FLOWERING SWEET PEAS

3510 **All White.** Largest pure white.
3512 **Amethyst.** Royal purple.
3516 **Aviator.** Bright crimson-scarlet.
3518 **Blue Bonnet.** Charming clear, bright blue.
3522 **Glitters.** Large brilliant cerise.
3524 **Grenadier.** Dazzling scarlet.
3526 **Lady Gay.** Soft shrimp-pink.
3532 **Sweet Lavender.** Pure lavender.
3534 **Valencia.** Sunproof orange.
3536 **Zvolanek's Rose.** Bright rose-pink.

Each of above, pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.

3539 **COLLECTION: One pkt. each of above 10 varieties $1.00.**

3550 **Beckert's Superb Mixture Early-flowering Spencers.** Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50.

COLLECTIONS
Summer-flowering Sweet Peas

A	One pkt. each of any 6 varieties	$0.50
B	One pkt. each of any 12 varieties	1.00
C	One pkt. each of the 20 varieties	1.50
D	One 1-oz. pkt. each of any 6 varieties	1.50
E	One 1-oz. pkt. each of any 12 varieties	2.75
F	One 1-oz. pkt. each of the 20 varieties	4.25

Ursinia anethoides

Thunbergia

Black-eyed Susan

Culture A. Cover seeds ¼ in.

3578 **Alata, Mixed.** A slender trailing plant which will grow in the poorest soil. Flowers produced in profusion, in white, cream, sulphur-yellow, buff, and orange, many with dark eyes. Excellent for porch-baskets and window-boxes. Pkt. 10 cts.; ¼oz. 40 cts.

Tithonia

Golden Flower of the Incas

Culture A. Cover seeds ⅛ in. Ht. 6 to 8 ft. Blooms in late summer.

3577 **Speciosa.** Brilliant orange-red flowers which resemble single dahlias, on long stems. Superb background plants. Pkt. 15 cts.; ¼oz. 75 cts.

Torenia

Wishbone Flower

Culture A. Cover seeds $\frac{1}{16}$ in. Ht. 1 ft. Blooms throughout the summer.

3580 **Fournieri.** Fine for borders and porch-boxes. Covered with light and dark blue flowers with yellow lips. Pkt. 20 cts.; $\frac{1}{16}$oz. 50 cts.

Ursinia

Jewel of the Veldt

Culture B. Cover seeds ⅛ in. Ht. 1 ft. Blooms July to Sept. Prefers sun.

3587 **Anethoides Hybrids.** A showy South African plant which bears rich orange-yellow flowers with a purplish black ring at the base of the petals. Good for sunny borders. Pkt. 25 cts.

Verbenas

Culture A. Cover seeds ⅛ in. Ht. 15 in. Blooms late July to frost.

Modern Verbenas have a wide range of brilliant colors and lend themselves to massing in the border, or to cutting for low receptacles.

HYBRIDA GRANDIFLORA TYPE

A magnificent strain of large Verbenas of robust, compact habit and free blooming. The trusses are immense, the individual florets measuring an inch in diameter.

3598 **Beauty of Oxford Hybrids.** *New.* A remarkable variety with large heads of flowers in colors ranging from clear rose-pink to deep rose, making this the finest Verbena raised from seed. Pkt. 25 cts.

3601 **Lavender Glory.** A true lavender with a medium-sized creamy white eye which accentuates the lovely lavender tone. It is sweetly fragrant and the individual florets are extremely large. Pkt. 25 cts.; ¼oz. $1.50.

3600 **Etna.** Large trusses of geranium-red flowers with small, creamy eyes.

3602 **Lucifer.** The entire flower is intense brilliant scarlet, showing up like flame against the deep green foliage.

3603 **Luminosa.** Flame-pink, shading to salmon.

3604 **Rose Cardinal.** Bright rose; large white eye.

3605 **Violacea.** Deep violet-purple, with white eye.

3606 **White.** Pure white, with large florets.

Each of above, except as noted, pkt. 15 cts.; ¼oz. 75 cts.

3609 **COLLECTION: One pkt. each of above 6 varieties 75 cts.**

3610 **Hybrida grandiflora, Mixed.** Pkt. 15 cts.; ¼oz. 65 cts.

3611 **Mammoth-flowered, Mixed.** Pkt. 10 cts.; ¼oz. 50 cts.

VARIOUS VERBENAS

3615 **Erinoides.** *Moss Verbena.* Elegant, spreading plants with moss-like foliage. They bear in profusion purplish blue and white blossoms from June to frost. Pkt. 10 cts.

3616 **Lemon** (*Aloysia citriodora*). Leaves are deliciously lemon-scented. Pkt. 20 cts.

Venidium fastuosum

Verbena hybrida grandiflora

Venidium

Monarch of the Veldt

Culture A. Cover seeds ⅛ in. Ht. 2½ ft. Blooms midsummer. Prefers sun.

3590 **Fastuosum.** A magnificent, half-hardy annual from South Africa, with silky gray, serrated foliage and numerous rich orange, daisy-like blooms, 4 to 5 inches across, with a purple zone at the base of the petals. Start seed in April or May for best germinating results. Pkt. 20 cts.

Vinca Rosea - Periwinkle

Culture A. Cover seeds ⅛ in. Ht. 1 ft. Blooms late July to frost.

Great favorites for bedding or porch-boxes. Flowers star-shaped. Foliage glossy, dark green. Easily grown, but seed germinates slowly.

3630 **Rose**
3631 **White with Rose Eye**
3632 **White**

Each of above, pkt. 10 cts.; ¼oz. 50 cts.

3635 **Choice Mixed.** Pkt. 10 cts.; ¼oz. 40 cts.

Viscaria

Culture B. Cover seeds ⅛ in. Ht. 10 in. Blooms all summer.

The large-flowered dwarf Viscarias are easily grown, are exceedingly free blooming, and very showy and effective.

3625 **Dwarf, Mixed.** Red, white, and blue shades. Pkt. 10 cts.; ¼oz. 30 cts.

Dwarf Lilliput Zinnias make excellent table decorations

Beckert's Improved Zinnias

Culture B. Cover seeds ⅛ in. Ht. various. Blooms July to Oct.

Mammoth Dahlia-flowered Zinnia

FANTASY MIXTURE

Award of Merit, All-America Selections, 1935

3713 One of the most striking novelties of the 1935 selections. It is of the quilled and twisted type and the medium-sized flowers are composed of a mass of shaggy, ray-like petals. They are more graceful than the Giant-flowered Zinnias and lend themselves nicely to cut-flower arrangement. The color-range in this new Fantasy Mixture includes the brighter shades of red and orange, as well as the popular pastel shades of pink and cream. Pkt. 15 cts.; ¼oz. $1.00.

BECKERT'S MAMMOTH DAHLIA-FLOWERED ZINNIAS

In a Wonderful Range of Colors

Besides producing by far the largest flowers of all the Zinnias, the Dahlia-flowered varieties are distinguished by being nearly as deep in the center as they are wide, with smaller individual petals than the ordinary varieties, but many more of them. Moreover, their colors are softer and more pleasing, being characterized by blended shades and pastel effects which give the whole flower the appearance of a fine satin cushion. Plants are about 3 feet tall and vigorous, producing a wealth of immense blooms from July until frost.

3650 **Canary Bird.** Clear primrose-yellow, retaining its pure color to the very last.
3651 **Crimson Monarch.** Enormous, deep, glowing red flowers, often 8 inches in diameter.
3652 **Dream.** Lavender, deepening to mallow-purple in full bloom. An extraordinary color in Zinnias.
3653 **Exquisite.** The most pleasing color in Zinnias—light rose-pink shading to deep rose in the center.
3654 **Old-Rose.** Real old-rose shade; large.
3655 **Oriole.** Immense gold and orange bi-color. The most beautiful of any.
3656 **Polar Bear.** Mammoth pure white.
3657 **Purple Prince.** A fine deep purple.
3658 **Scarlet Flame.** A striking blend of scarlet and orange which seems to shine like burnished copper.

Each of above, pkt. 15 cts.; ¼oz. 75 cts.

3659 **COLLECTION: One pkt. each of above 9 varieties $1.00.**

3665 **Dahlia-flowered Finest Mixed.** Pkt. 15 cts.; ¼oz. 50 cts.; oz. $1.50.

3670 ZINNIA, STAR DUST

Award of Merit Winner All-America Selections, 1937

For description see page 3. Pkt. 20 cts.

BECKERT'S CALIFORNIA GIANT DOUBLE ZINNIAS

The Double Giants grow to a height of 3 feet and bear enormous double flowers which often attain a diameter of 4½ to 5 inches. Although tall and erect in growth, they are sturdy, well rooted, and require no support. In mixture only.

3685 **Giant Double, Finest Mixed.** Pkt. 10 cts.; ¼oz. 50 cts.; oz. $1.50.

DWARF DOUBLE ZINNIAS

Cut-and-Come-Again

An excellent class of Zinnias for bedding and cutting. Bushy, compact plants 1½ feet in height, with flowers of medium size that continue blooming until frost.

3690 **Canary-Yellow**
3691 **Golden Yellow**
3692 **Salmon-Rose**
3693 **Scarlet**
3694 **White**

Each of above, pkt. 10 cts.; ¼oz. 30 cts.

3699 **COLLECTION: One pkt. each of above 5 colors 40 cts.**

3698 **Dwarf Double, Choice Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

DWARF LILLIPUT OR POMPON ZINNIAS

The Lilliputs are unexcelled for cut-flower use and have become very popular. The flowers are small, double, and symmetrical, on strong stems, and are excellent for table decorations. Ht. 1 to 1½ ft.

3700 **Canary-Yellow**
3701 **Crimson**
3702 **Golden Gem**
3703 **Salmon-Rose**
3704 **Scarlet Gem**
3705 **White**

Each of above, pkt. 10 cts.; ¼oz. 30 cts.

3709 **COLLECTION: One pkt. each of above 6 colors 50 cts.**

3708 **Dwarf Lilliput, Choice Mixed.** Pkt. 10 cts.; ¼oz. 35 cts.; oz. $1.00.

VARIOUS ZINNIAS

3710 **Curled and Crested, Mixed.** A distinct variety in which the petals are curiously curled and twisted. Good assortment of colors. Ht. 2 ft. Pkt. 10 cts.; ¼oz. 40 cts.
3711 **Mexicana Hybrids.** Dwarf plants about 1 foot high, bearing small, double flowers of unusual colorings. Fine for borders. Pkt. 15 cts.; ¼oz. 60 cts.
3712 **Picotee, Mixed.** Distinct flowers about 3 inches across with the petals tipped or picoteed with a contrasting color. Ht. 2 to 2½ ft. Pkt. 10 cts.; ¼oz. 60 cts.

Wild Gardens Are Surprise Gardens

These are easy-to-grow mixtures of flower seeds suitable for sowing broadcast in bare spots of either small or large size, in any location where a natural or wild effect is desired. With little care a continuous succession of colorful flowers will be had throughout the summer and fall, many of which will be found useful for cutting. These mixtures contain a wide assortment of colors.

3725 **Wild Garden Mixture, Dwarf.** Pkt. 10 cts.; oz. 50 cts.; ¼lb. $1.50.
3730 **Wild Garden Mixture, Tall.** Pkt. 10 cts.; oz. 50 cts.; ¼lb. $1.50.

Dwarf Lilliput Zinnias

Perennial Flower Seeds

Plants that live and increase for a number of years are known as Perennials and are ever increasing in popularity as they are adaptable to so many different uses and locations. They are not as quick growers as Annuals and germinate more slowly. Some, such as Gaillardia, Hardy Larkspur, Iceland Poppy, Platycodon, etc., will bloom the first season from seed sown in early spring, while with others, such as Aquilegia, Campanula, Hollyhock, Physostegia, etc., a season's growth is required before coming into bloom.

The seeds may be sown in early spring or in July or August. Use the proper culture shown by the different key letters A, B, C, D, E, F, G, or H under each variety on the following pages which refer to the detailed cultural instructions on page 4.

Plants which make their growth the first year after sowing and produce their flowers the second year and then die, are Biennials, and are included in this section. They are described as such under their different headings.

Achillea - Yarrow

Culture G. Cover seeds ⅛ in. Ht. 2 ft. Blooms June to Sept. Prefers sun.

2015 **The Pearl.** Dainty, pure white, double flowers. Easily grown from seed. Will flower the first season if sown early. Pkt. 15 cts.; ⅛oz. 75 cts.

Aconitum - Monkshood

Culture G. Cover seeds ⅛ in. Ht. 3 to 5 ft. Blooms July to Aug. Prefers semi-shade.

2020 **Napellus.** Lovely, dark blue flowers and handsome foliage. Fine for borders and masses. If sown early, will bloom the first year, but the flowers are better the second year. Pkt. 15 cts.; ⅛oz. 50 cts.

Adonis - Ox-Eye

Culture G. Cover seeds ⅛ in. Ht. 1½ ft. Blooms April to May. Seed germinates slowly. Likes moisture and shade. Blooms first season.

2024 **Vernalis.** Large yellow flowers. Pkt. 10 cts.; ⅛oz. 50 cts.

Agrostemma

Mullein Pink

Culture G. Cover seeds ⅛ in. Ht. 2½ ft. Blooms July to Aug. Prefers sun.

2036 **Coronaria atrosanguinea.** Deep blood-red, star-shaped flowers. Silvery foliage. Free flowering and of easy culture. Fine for cutting. Pkt. 10 cts.; ¼oz. 25 cts.

Alyssum - Gold Dust

Culture G. Cover seeds ⅛ in. Ht. 9 in. Blooms May and June.

2053 **Saxatile compactum.** ● Dwarf and bushy, bearing masses of pale yellow flowers in early spring. One of the most satisfactory creeping hardy plants. Pkt. 15 cts.; ¼oz. 50 cts.

Anchusa

Culture G. Cover seeds ⅛ in. Ht. 3 to 5 ft. Blooms June and July. Prefers semi-shade.

2071 **Italica, Dropmore.** Bears an abundance of rich gentian-blue flowers. Pkt. 10 cts.; ¼oz. 35 cts.

Anthemis

Golden Marguerite

Culture G. Cover seeds ⅛ in. Ht. 2 ft. Blooms July to Sept.

2080 **Tinctoria Kelwayi.** Bears bright yellow, daisy-like flowers. Excellent for cutting. Pkt. 10 cts.; ¼oz. 50 cts.

Anemone - Windflower

Culture G. Cover seeds ⅛ in. Ht. 1 ft. Blooms May and June. Prefers semi-shade.

Lovely flowers in many shades of scarlet, blue, purple, and white, often over 2 inches in diameter. A lasting cut-flower.

2075 **Double Chrysanthemum-flowered.** Fine, full double flowers in splendid mixture. Pkt. 15 cts.; ⅛oz. 50 cts.

2076 **St. Brigid.** Single and semi-double flowers in a wonderful array of colors. Pkt. 20 cts.

Aquilegia - Columbine

Culture G. Cover seeds ⅛ in. Ht. 1½ to 2 ft. Blooms May to July.

This aristocrat of the perennial border is an early and free bloomer. Its beautiful flowers cover a wide range of exquisite shades and are desirable for garden display and for cutting.

2170 **Cærulea.** *Rocky Mountain Columbine.* Large flowers with long spurs; deep blue and white. One of the finest. Pkt. 15 cts.; ⅛oz. 75 cts.

2171 **Chrysantha.** Pure yellow; long spurs and large flowers. Pkt. 10 cts.; ⅛oz. 50 cts.

2172 **Single, Mixed.** Pkt. 10 cts.; ¼oz. 30 cts.

2173 **Double, Mixed.** Pkt. 10 cts.; ¼oz. 35 cts.

SELECT LONG-SPURRED COLUMBINES

This wonderful selection comprises many new and beautiful shades and combinations. They are stately in growth and produce their large and elegantly spurred flowers in abundance.

2175 **Blue and Lavender Shades.**

2176 **Copper Queen.** Attractive copper shade.

2177 **Mrs. Scott Elliott's Hybrids.** A famous strain of long-spurred Columbines, particularly rich in the light colors and pastel shades.

2178 **Pink and Rose Shades.**

Each of above, pkt. 25 cts.; ⅛oz. $1.00

2181 **Long-spurred Hybrids, Mixed.** Pkt. 20 cts.; ⅛oz. 75 cts.

Arabis - Rock Cress

Culture G. Cover seeds ⅛ in. Ht. 6 to 9 in. Blooms April to May. Prefers sun.

2185 **Alpina.** ● An early border and rockery plant with verbena-like heads of snow-white flowers. Pkt. 10 cts.; ¼oz. 30 cts.

Armeria - Sea-Pink

Culture G. Cover seeds ⅛ in. Ht. 6 in. Blooms June to Aug.

2192 **Laucheana.** ● Hardy perennial for the rock-garden or for edging. Pretty, bright rosy carmine flowers. Pkt. 25 cts.

Asters

Culture G. Cover seeds ⅛ in. Ht. various.

2295 **Alpinus.** ● Grows 10 to 12 inches high and is excellent for rock-gardens. Mixture of bluish and white flowers with yellow centers. Blooms May and June. Pkt. 15 cts.; ⅛oz. 75 cts.

2296 **Mixed.** *Michaelmas Daisy.* Late flowering. Showy, single, star-like blooms. Ht. about 3 ft. Blooms Sept. and Oct. Pkt. 15 cts.; ⅛oz. 60 cts.

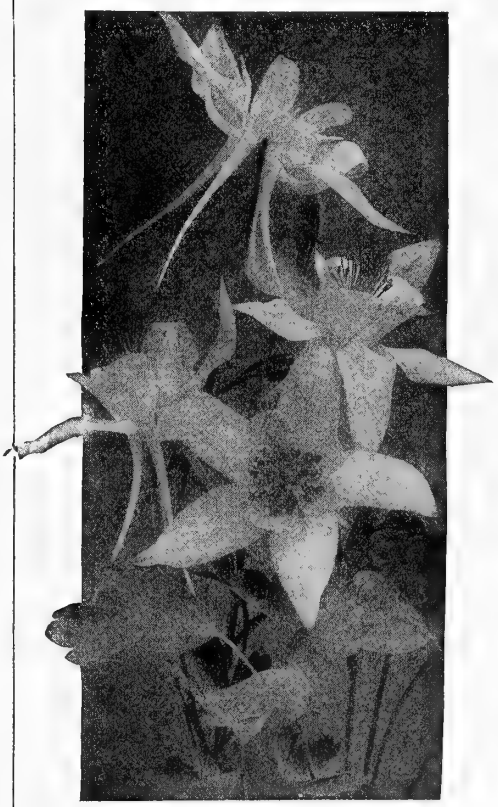
Other Asters listed in Annual Flower Seed Section

Aubrietia

False Wall Cress

Culture G. Cover seeds ⅛ in. Ht. 6 in. Blooms May to July.

2298 **Large-flowering Hybrids.** ● Large flower-sprays in many shades of crimson, purple, blue, pink, and lilac. Evergreen foliage. Pkt. 25 cts.



Long-spurred Aquilegia

Make quality flower seeds your garden measuring guide

Campanula Medium

Bellis Perennis

English Daisy

Culture G. Cover seeds ⅛ in. Ht. 6 in. Blooms April to June. Prefers partial shade.

2320 **Giant Longfellow.** Large, double, rose-colored flowers. Pkt. 10 cts.; ⅛oz. 50 cts.

2321 **Giant Snowball.** Large; double; white. Pkt. 10 cts.; ⅛oz. 50 cts.

MONSTROSA VARIETIES

Very double flowers on long, rigid stems.

2322 **Pink** 2323 **White** 2325 **Mixed**

Each of above, pkt. 20 cts.; ⅛oz. 75 cts.

2326 **Etna.** Large, double, deep red flowers with quilled petals. Pkt. 25 cts.; ⅛oz. $1.00.

Campanula

Culture G. Cover seeds ⅛ in. Ht. various.

As a group, the Campanulas possess a charm and beauty distinctly their own. They bear a profusion of bell-shaped flowers from which they derive their common names of Canterbury Bells, Harebells, Peachbells, etc. Extremely showy in the mixed border.

MEDIUM - Canterbury Bells

Large, bell-shaped flowers in many shades. Elegant border or pot-plants. A small proportion of the seedlings will always vary in color. Ht. 2 to 2½ ft. Blooms June and July.

2370 **Blue** 2372 **White**
2371 **Rose** 2375 **Choice Single, Mixed**

Each of above, pkt. 10 cts.; ¼oz. 30 cts.

2376 **Double, Mixed.** Produces a goodly percentage of true double-flowering plants. Pkt. 15 cts.; ¼oz. 50 cts.

CALYCANTHEMA

Cup and Saucer

Delightful in form and colors. Elegant subjects for the garden or for pot-culture. Ht. 2 to 2½ ft. Blooms June and July.

2380 **Blue** 2382 **White**
2381 **Rose** 2385 **Choice Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 50 cts.

CAMPANULA CARPATICA ●

Harebells

Graceful plants with many delicate little cup-shaped flowers. Attractive and lasting. Suitable for borders. Ht. 6 in. Blooms late June to Aug.

2390 **Blue** 2392 **Choice Mixed**
2391 **White**

Each of above, pkt. 15 cts.; ⅛oz. 35 cts.

PERSICIFOLIA - Peachbells

Large, cup-shaped flowers. Long, slender leaves. Elegant for pot-plants as well as borders. Ht. 2 ft. Blooms June and July.

2394 **Giant Blue** 2396 **Giant Mixed**
2395 **Giant White**

Each of above, pkt. 15 cts.; ⅛oz. 75 cts.

PYRAMIDALIS

Chimney Bellflower

Stately plants 4 to 5 feet high with large, tubular flowers. Fine for borders or as large pot-plants. Blooms July and Aug.

2398 **Blue and White, Mixed.** Pkt. 15 cts.; ⅛oz. 50 cts.

Cerastium tomentosum

Candytuft ●

Culture G. Cover seeds ⅛ in. Ht. various. Blooms April to July.

2410 **Gibraltarica.** Large-flowering, with delicate white, lilac-flushed blooms. Pkt. 10 cts.; ¼oz. 50 cts.

2411 **Sempervirens.** Evergreen, glossy foliage. Flowers white. Fine for rock-gardens. Ht. 6 in. Pkt. 15 cts.; ⅛oz. 50 cts.

Carnation

Culture G. Cover seeds ⅛ in. Ht. 1 ft. Blooms June to frost.

2432 **Chabaud's Everblooming.** Bears a high percentage of double flowers of the largest size, five to six months after sowing. Pkt. 15 cts.; ⅛oz. 40 cts.

2433 **Grenadin Mixed.** *Hardy Border Carnation.* Dwarf and compact in growth. Mixture of various colors. Pkt. 15 cts.

Centaurea

Perennial Cornflower

Culture G. Cover seeds ⅛ in. Ht. 1½ to 2 ft. Blooms late June to Sept.

2492 **Montana.** Large, showy deep blue flowers. Pkt. 10 cts.; ¼oz. 50 cts.

Cerastium

Snow-in-Summer

Culture G. Cover seeds ⅛ in. Ht. 6 in. Blooms May and June.

2500 **Tomentosum.** ● White-leaved edging or rockery plant with small white flowers. Pkt. 15 cts.; ⅛oz. 50 cts.

Chelone - Turtlehead

Culture G. Cover seeds ⅛ in. Ht. 2½ ft. Blooms July to Sept.

2510 **Barbata Torreyi.** Showy, decorative bedding plant with spikes of tubular scarlet blooms. Pkt. 10 cts.; ¼oz. 50 cts.

Chrysanthemum

Culture G. Cover seeds ⅛ in. Ht. 2 ft. Blooms from June to frost.

2525 **Shasta Daisy, Alaska.** Extra-large pure white flowers on long stems. A beautiful cut-flower. Pkt. 15 cts.; ⅛oz. 40 cts.

2527 **Mrs. C. Lowthian Bell.** An excellent variety bearing large white flowers, often 4 to 6 inches in diameter, on long stems. A continuous bloomer from June to frost. Pkt. 15 cts.; ⅛oz. 40 cts.

Coreopsis - Tickseed

Culture G. Cover seeds ¼ in. Ht. 2½ ft. Blooms June to frost.

2565 **Lanceolata grandiflora.** Bright golden yellow flowers, 3 inches in diameter, borne on strong stems. One of the brightest and most valuable of the perennial flowers for cutting and for borders. Pkt. 10 cts.; ¼oz. 25 cts.

2566 **Lanceolata grandiflora fl.-pl.** A double and semi-double form of the single Coreopsis, possessing the same rich golden yellow color. Pkt. 15 cts.; ¼oz. 50 cts.

2567 **Auricula superba.** Golden yellow petals with a serrated band of brownish red encircling the golden disc. Excellent for the garden and valuable for cutting. Pkt. 15 cts.; ¼oz. 60 cts.

Coreopsis lanceolata grandiflora

Delphiniums and Digitalis against a background of Evergreens

Delphinium

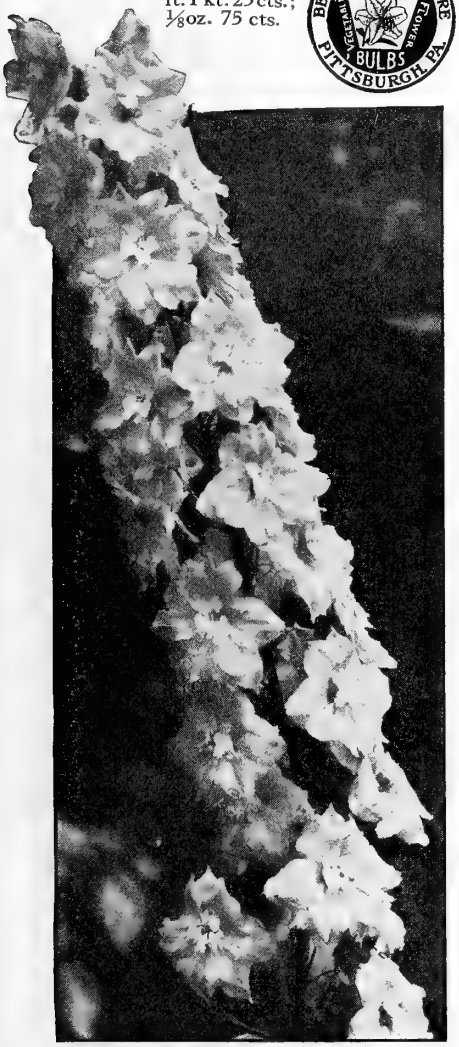
Culture G. Cover seeds ⅛ in. Ht. various. Blooms June and July.

Best loved of all perennials in the hardy garden. The modern hybrids, with their enormous, stately spikes, are indeed marvelous. The large florets include every conceivable shade of blue, running through lovely tones of mauve, lilac, purple, and violet in harmonious combinations.

2655 **New Hollyhock Strain, Wrexham Mixed.** A wonderful and popular strain with enormous pyramidal spikes of large, single and double florets 1½ to 2 inches across. The colors range in all shades of blue, blended with mauve, pink, and violet, with an occasional white. Ht. 4 to 6 ft. Pkt. 50 cts.; ⅛oz. $1.50.

2656 **Giant Exhibition Hybrids.** Large flower-spikes, varying in color from pale blue to deepest indigo, with many intermediate shades of blue and lavender. A splendid strain. Ht. 4 ft. Pkt. 35 cts.; ⅛oz. $1.00.

2657 **Belladonna, Cliveden Beauty.** Clear turquoise-blue flowers. Ht. 4 ft. Pkt. 25 cts.; ⅛oz. 75 cts.



Delphinium

DELPHINIUM, continued

2658 **Bellamosa, Improved Strain.** A splendid companion to the old favorite Belladonna. Dark blue. Free blooming and hardy. Ht. 4 ft. Pkt. 25 cts.; ⅛oz. 75 cts.

2660 **Cardinale.** The elegant scarlet flowers have yellow centers. Ht. 3 ft. Pkt. 25 cts.; ⅛oz. 75 cts.

2661 **Chinense, Blue.** Tall, slender plants with long spikes thickly set with bright blue flowers. Ht. 3 ft. Pkt. 10 cts.; ¼oz. 50 cts.

2662 **Chinense, White.** Flowers pure white. Pkt. 10 cts.; ¼oz. 50 cts.

Dianthus

Hardy Garden Pinks

Culture G. Cover seeds ⅛ in. Ht. 6 to 12 in. Blooms June to frost.

2686 **Allwoodi, Mixed.** ● This new half Carnation and half Pink is a continuous bloomer until frost and is suitable for the rock-garden, border, or pot-culture. All colors but yellow. Pkt. 25 cts.

2687 **Rock Garden Hybrids.** ● A special mixture containing many dwarf varieties suitable for rock-gardens. Pkt. 25 cts.

2688 **Single Early Grass or Clove Pinks** (*D. plumarius*). Many-colored, with fringed petals. Pkt. 10 cts.; ¼oz. 40 cts.

2690 **Everblooming Grass Pinks** (*D. plumarius semperflorens*). Single and semi-double blooms all summer long. Pkt. 15 cts.; ¼oz. 50 cts.

2691 **Double Grass Pinks** (*D. plumarius fl.-pl.*). Double flowers. Early bloomer. Pkt. 15 cts.; ¼oz. 75 cts.

Digitalis - Foxglove

Culture G. Cover seeds ⅛ in. Ht. 3 to 7 ft. Blooms June and July.

Beautiful hardy biennials for the tall border, with towering spikes of bell-shaped blossoms. Although they sometimes persist for some years, they are best treated as biennials.

2692 **Giant Shirley, Mixed.** A new strain of Giant Foxglove attaining a height of 5 to 7 feet, with spikes of bloom 3 to 4 feet long, closely set with flowers of giant size ranging in color from white to dark rose, spotted and blotched with crimson, maroon, and chocolate. Pkt. 15 cts.; ¼oz. 50 cts.

Gloxiniæflora. Large flowers of velvety texture, with gloxinia-like spots, on long, well-filled spikes. Ht. 3 to 5 ft.

2693 **Pink** 2695 **White**
2694 **Purple** 2696 **Mixed**

Each of above, pkt. 10 cts.; ¼oz. 40 cts.

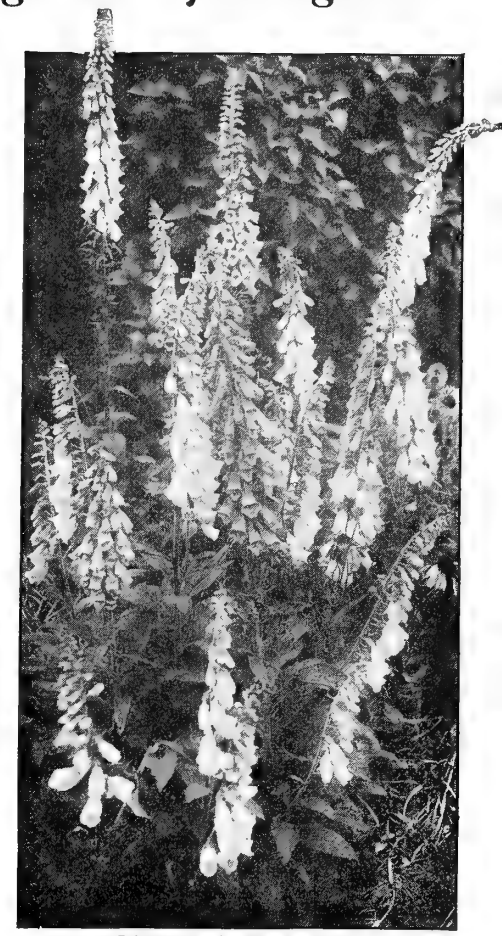
2697 **Maculata superba.** A beautiful spotted variety in various colors. Pkt. 10 cts.; ¼oz. 50 cts.

2698 **Monstrosa.** *Mammoth Foxglove.* A very unusual and showy form in which the upper flowers are united into one very large, cup-shaped blossom. Mixture of various colors. Pkt. 10 cts.; ¼oz. 50 cts.

Edelweiss

Culture G. Cover seeds ⅛ in. Ht. 8 in. Blooms June and July. Best in full sun exposure.

2711 **Alpinum.** ● An interesting and easily grown alpine plant with handsome silvery foliage and star-shaped white flowers. Pkt. 25 cts.



Digitalis gloxiniæflora

Eupatorium

Thoroughwort

Culture G. Cover seeds ⅛ in. Ht. various. Blooms Aug. and Sept.

2735 **Fraseri.** A dwarfer type than Purpureum, growing about 2 feet high and forming clusters of snow-white flowers. Fine for bouquets. Pkt. 10 cts.; ¼oz. 75 cts.

2736 **Purpureum.** Showy purple flower-heads in late summer. Ht. 6 to 7 ft. Pkt. 15 cts.; ¼oz. $1.00.

Gaillardia

Blanket Flower

Culture G. Cover seeds ⅛ in. Ht. 2 ft. Blooms June to frost.

The various color combinations in the flowers of the hardy Gaillardia closely resemble those found in Indian blankets, from whence it receives its common name, Blanket Flower. Excellent for borders, bedding, and cutting.

2796 **Portola Hybrids.** In color and size of bloom these hybrids are a wonderful development in Gaillardias. Flowers come in rich shades of bronzy red, with brilliant gold-tipped petals and are 3½ inches in diameter. Pkt. 20 cts.; ¼oz. 75 cts.

2797 **Grandiflora, Coppery Red.** A striking new color. Pkt. 20 cts.; ¼oz. 75 cts.

2798 **Grandiflora, Choice Mixed.** Large variety of brilliant colors. Pkt. 10 cts.; ¼oz. 40 cts.

Transplant and divide Perennials during spring

Helenium, Riverton Gem

Geum

Culture G. Cover seeds ⅛ in. Ht. 1½ ft. Blooms June to Sept.

Free-blooming, hardy border plants highly prized for cutting.

2805 **Mrs. Bradshaw.** Large, double, bright scarlet flowers. Pkt. 15 cts.

2806 **Lady Stratheden.** Rich golden yellow. Pkt. 20 cts.

Grasses, Ornamental

Culture G. Cover seeds ⅛ in. Ht. various.

Specimen plants, clumps, or entire beds of harmonious varieties are always interesting. All are valuable for cutting.

2842 **Erianthus Ravennæ.** Silvery plumes and violet-shaded leaves. Ht. 5 to 7 ft. Pkt. 10 cts.; ¼oz. 25 cts.

2843 **Eulalia zebrina.** *Zebra Grass.* Leaves barred yellowish white. Ht. 4 ft. Pkt. 10 cts.; ¼oz. 40 cts.

2844 **Gynerium argenteum.** *Pampas Grass.* Beautiful, tall, silvery plumes. Ht. 6 ft. Pkt. 10 cts.; ¼oz. 25 cts.

Gypsophila

Baby's Breath

Culture G. Cover seeds ⅛ in. Ht. various. Blooms July and Aug.

Dainty old-fashioned flowers that bear themselves with a misty grace.

2865 **Paniculata.** Flowers the first season if sown early. Equally desirable as a border plant and for cutting. Ht. 3 ft. Pkt. 10 cts.; ¼oz. 25 cts.

2866 **Paniculata fl.-pl.** A goodly proportion of the plants will produce exquisite little double white flowers. Pkt. 25 cts.; ⅛oz. 85 cts.

2867 **Repens rosea.** ● Elegant trailing plants splendid for the rockery. Clouds of small pink flowers. Pkt. 25 cts.; ⅛oz. 75 cts.

Helenium

Helen's Flower

Culture G. Cover seeds ⅛ in. Ht. 3 to 5 ft. Blooms Aug. and Sept.

Free-blooming perennials of easy culture. Valuable for adding color to the border background.

2870 **Autumnale superbum.** Golden yellow. Pkt. 15 cts.; ⅛oz. 50 cts.

2871 **Riverton Gem.** Wallflower-red, dark center. Pkt. 15 cts.; ⅛oz. 50 cts.

Helianthus - Sunflower

Culture G. Cover seeds ¼ in. Ht. 5 to 6 ft. Blooms Aug. and Sept.

Splendid background plants for the hardy border. Seed sown early will produce flowering plants the first season.

2883 **Perennial Varieties, Mixed.** Medium-sized flowers in shades of yellow. Pkt. 20 cts.

Heuchera - Coral Bells

Culture G. Cover seeds $\frac{1}{16}$ in. Ht. 2 ft. Blooms July and Aug.

Compact, bushy plants with heavy foliage from which arise the graceful flower-spikes covered with pendent bell-shaped blooms. Excellent for cutting.

2890 **Sanguinea.** Rich, bright coral-red. Pkt. 25 cts.

2891 **Sanguinea Hybrids.** *New.* Colors from white to glowing crimson. Pkt. 25 cts.

Hibiscus - Marsh-Mallow

Culture G. Cover seeds ¼ in. Ht. 4 to 5 ft. Blooms July to Sept.

Handsome plants producing enormous flowers in lovely colors. When once established they will last for years.

2895 **Crimson Eye.** Large, pure white flowers with velvety crimson centers. Pkt. 10 cts.; ¼oz. 35 cts.

2896 **Giant Rainbow Hybrids.** Flowers often 8 inches in diameter, from white to deep red. Pkt. 10 cts.; ¼oz. 30 cts.

Hollyhocks

Culture G. Cover seeds ¼ in. Ht. 5 to 8 ft. Blooms July and Aug.

2900 **New Double Exquisite.** Flowers very double, each petal exquisitely curled and fringed, with a broad margin of white, the centers being shades of rose, carmine, purple, and violet. Pkt. 25 cts.; ⅛oz. 75 cts.

2901 **New Double Triumph.** Of branching habit; waved and fringed flowers in a variety of colors. Pkt. 25 cts.; ⅛oz. 75 cts.

2912 **Double Imperator.** Large, fringed, rosette flowers with wide guard petals in lovely pastel shades. Pkt. 25 cts.; ⅛oz. 75 cts.

CHATER'S SUPERB DOUBLE

2902 **Maroon** 2906 **Scarlet**
2903 **Newport Pink** 2907 **Sulphur-Yellow**
2904 **Rose-Pink** 2908 **White**
2905 **Salmon-Rose** 2910 **Superb Mixed**

Each of above, pkt. 10 cts.; ¼oz. 60 cts.

2909 **COLLECTION: One pkt. each of above 7 colors 60 cts.**

2911 **Single Mixed.** Choice assortment of all colors. Pkt. 10 cts.; ¼oz. 40 cts.

2912 **Allegheny Fringed, Mixed.** Single and semi-double mammoth flowers with fringed petals. Pkt. 10 cts.; ¼oz. 50 cts.

Liatris - Gayfeather

Culture G. Cover seeds ¼ in. Ht. 2½ to 3 ft. Blooms July and Aug. Prefers sun.

2966 **Pycnostachya.** Long, showy flower-spikes that begin to open at the top and are densely covered with rosy purple blooms. Splendid for the border and for cutting. Pkt. 15 cts.; ¼oz. $1.00.

Linaria - Kenilworth Ivy

Culture E. Cover seeds ⅛ in. Blooms June to Sept. Trailing.

2967 **Cymbalaria.** A very graceful creeper or climber with glossy, ivy-like foliage. Dainty flowers in shades of lilac, rose, and white. Most attractive for boxes, baskets, etc. Pkt. 15 cts.

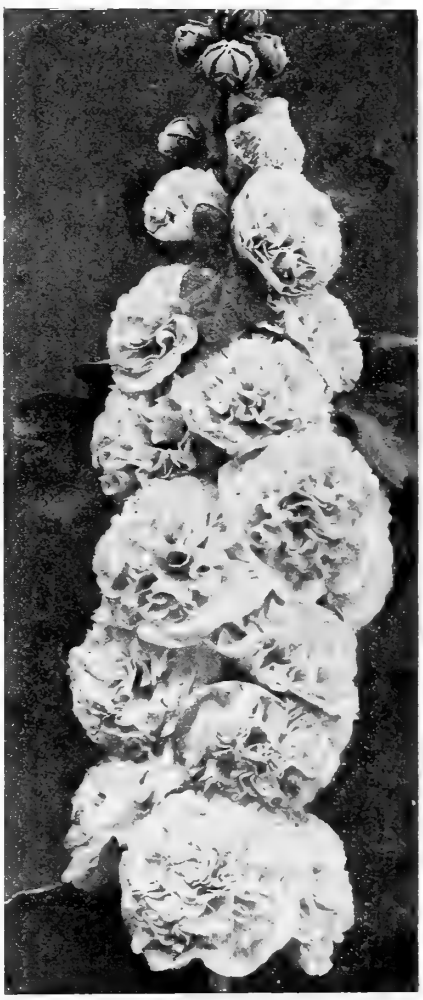
Linum - Flax

Culture G. Cover seeds $\frac{1}{16}$ in. Ht. 2 ft. Blooms May to Aug.

Perenne. Graceful, feather-like plants which flower profusely.

2971 **Blue** 2972 **White**

Each of above, pkt. 10 cts.; ¼oz. 30 cts.



Superb Double Hollyhocks

For best results feed your Perennials during the growing season

Lobelia

Cardinal Flower

Culture G. Cover seeds ⅛ in. Ht. 3 ft. Blooms July to Sept. Prefers moist location.

2981 **Cardinalis.** Fine hardy border plant with brilliant spikes of flaming scarlet. Pkt. 25 cts.; ⅛oz. $1.00.

Lunaria - Honesty

Culture G. Cover seeds ⅛ in. Ht. 1½ ft.

2985 **Biennis alba.** The silvery white, flat seed-pods make handsome winter indoor decorations. Pkt. 10 cts.; ¼oz. 30 cts.

Lupinus

Culture G. Cover seeds ¼ in. Ht. 3 to 4 ft. Blooms May and June. Prefers partly shaded, rich soil.

Polyphyllus. One of the most beautiful perennials. Produces tall spikes of pea-shaped blooms in clear colors.

2994 **Blue**
2995 **Bright Rose**
2996 **Yellow**
2997 **White**
2998 **Choice Mixed**

Each of above, pkt. 10 cts.; ¼oz. 25 cts.; ½oz. 40 cts.

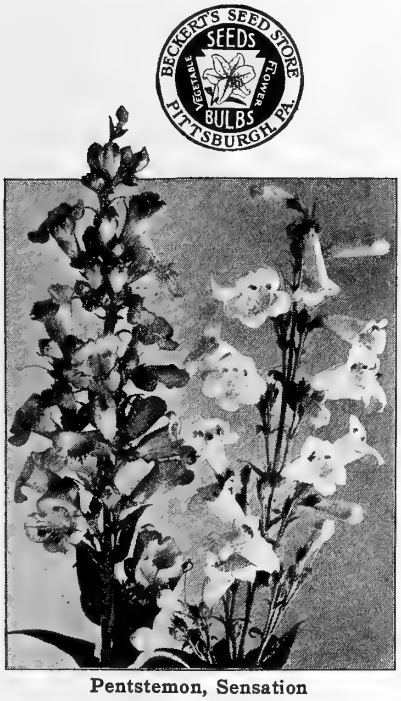
Lychnis

Culture G. Cover seeds ⅛ in. Ht. various. Blooms June and July.

Handsome hardy perennials of easy culture, for massing in beds or borders.

3000 **Chalcedonica.** *Jerusalem Cross.* Erect-growing, 2 to 3 feet tall, with clusters of flaming vermilion flowers at the top. Pkt. 10 cts.; ¼oz. 25 cts.

3001 **Haageana Hybrids.** A form with very large flowers, nearly 2 inches across, in many shades of red. Ht. 1 ft. Pkt. 15 cts.; ⅛oz. 50 cts.



Pentstemon, Sensation

Myosotis

Forget-me-not

Culture G. Cover seeds ⅛ in. Ht. 6 to 12 in.

Lovely little plants for moist and shady situations. The Alpestris varieties come into bloom in April and, as they are not entirely hardy, should be wintered over in coldframes. The Palustris type bloom continuously from May until frost and are hardy.

ALPESTRIS VARIETIES

Dwarf, compact, and much branched, with dainty blooms of blue, rose, and white.

3065 **Alba**
3066 **Rosea**
3067 **Royal Blue**

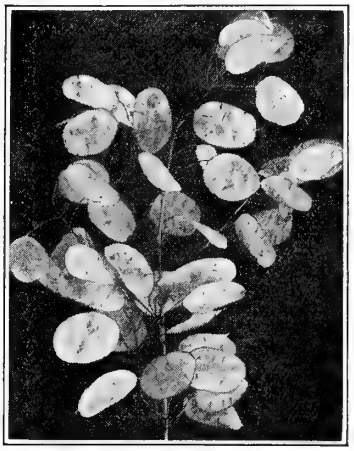
Each of above, pkt. 10 cts.; ¼oz. 50 cts.

3068 **Choice Mixed.** Pkt. 10 cts.; ¼oz. 40 cts.

3070 **Victoria.** Large; clear azure-blue. Pkt. 15 cts.; ⅛oz. 50 cts.

3071 **Ruth Fischer.** Dwarf and compact, with large, deep blue flowers. The best variety for pot-culture and spring bedding. Pkt. 25 cts.

3072 **Palustris.** ● The true "Forget-me-not." Produces dainty sprays of bright blue flowers over a long season. Pkt. 15 cts.; ¼oz. 75 cts.



Lunaria

OEnothera

Evening Primrose

Culture G. Cover seeds ⅛ in. Ht. 10 in. Blooms June to Aug.

3125 **Missouriensis.** ● Of easy culture, with large, fragrant, golden yellow blooms. Adaptable to either the border or rockery. Pkt. 20 cts.

Pentstemon

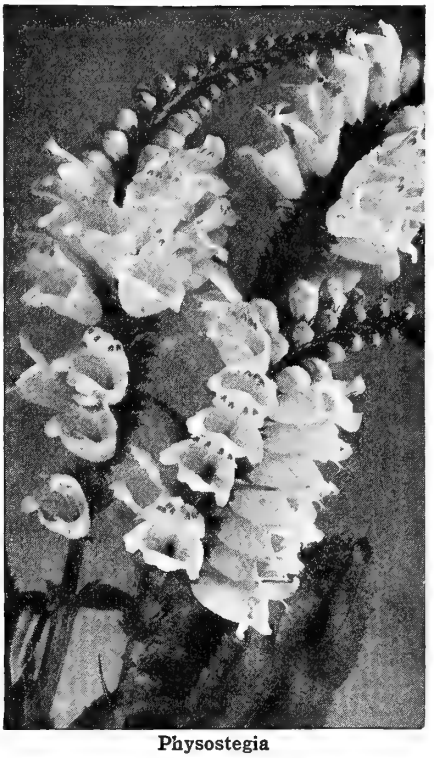
Beard Tongue

Culture G. Cover seeds ⅛ in. Ht. 1½ to 2 ft. Prefers sunny location.

Splendid plants for the hardy border and very showy in clumps.

3180 **Glaber.** Bright bluish rose flowers in close clusters in early May. Pkt. 15 cts.

3181 **Sensation.** A hybrid strain with giant gloxinia-like flowers ranging in color from pink to scarlet and maroon, variously striped and blotched. Blooms from mid-summer until frost. Pkt. 20 cts.



Physostegia

Phlox

Culture G. Cover seeds ⅛ in. Ht. 3 ft. Blooms June to Sept.

3235 **Decussata, Mixed.** Saved from the newest and best large-flowering varieties. The seed germinates slowly over a period of six months. Pkt. 25 cts.

Physalis

Chinese Lantern Plant

Culture B. Cover seeds ⅛ in. Ht. 2 ft. Blooms July to Oct. Prefers sun.

3240 **Francheti.** Flowers bright orange-scarlet, shaped like a Chinese lantern. Splendid for drying for winter decoration. Pkt. 10 cts.; ¼oz. 50 cts.

Physostegia

False Dragonhead

Culture G. Cover seeds ¼ in. Ht. 3 to 4 ft. Blooms July and Aug.

3242 **Virginica.** One of the prettiest of the hardy perennials. Graceful, rosy pink spikes of tiny snapdragon-like blooms. Excellent for cutting. Pkt. 15 cts.; ¼oz. 75 cts.

Platycodon

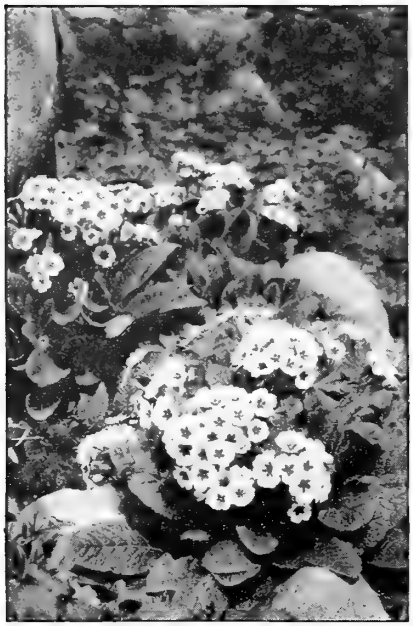
Balloon Flower

Culture G. Cover seeds ⅛ in. Ht. 2½ ft. Blooms July to Oct.

Balloon-like buds followed by broad bell-shaped flowers. Fine for planting in permanent borders.

3244 **Grandiflorum, Blue.** Pkt. 10 cts.; ¼oz. 50 cts.

For preparation and care of your Flower Garden, see page 4



Primula, Elatior

Pyrethrums, Single and Double

Poppies - Papaver

Culture G. Cover seeds ⅛ in. Ht. various. Prefers sun.

Their beautiful and brilliant colors, together with the delicate silken texture of the flowers, will appeal to all garden lovers.

3270 **Iceland, Mixed** (*Papaver nudicaule*). ● Very graceful dwarf perennials growing 1 foot high, with evergreen foliage. The dainty flowers in shades of yellow, salmon, and orange are excellent for cutting when picked in the bud. Blooms throughout the summer. Pkt. 15 cts.; ¼oz. 75 cts.

3271 **Orientale.** The flaming "Decoration Day" Poppy. Gigantic, deep scarlet flowers. Ht. 3 ft. Blooms June and July. Pkt. 10 cts.; ¼oz. 50 cts.

3272 **Orientale, Princess Victoria Louise.** Beautiful salmon-pink. Pkt. 15 cts.; ⅛oz. 75 cts.

3273 **Orientale Hybrids.** Like Orientale, but the flowers are salmon, orange, and shades of red. Pkt. 10 cts.; ¼oz. 60 cts.

Primula - Primrose ●

Culture G. Cover seeds $\frac{1}{16}$ in. Ht. various. Seed germinates slowly.

Useful for rockeries and borders, as well as for pot-culture. Although hardy on well-drained soil, it is best to give them some protection over winter.

3294 **Auricula.** Vigorous growers and early bloomers, with flowers in a wonderful range of colors, each marked with a distinct eye. Ht. 1 ft. Pkt. 25 cts.

3295 **Elatior, Mixed.** *Polyanthus.* Attractive early spring-flowering varieties. Ht. 8 in. Pkt. 25 cts.

3296 **Japonica, Mixed.** Grows to perfection on deep, moist soil and in shady locations. Blooms profusely in early summer. Comes in many delicate colors. Ht. 1½ ft. Pkt. 25 cts.

3297 **Veris.** *Cowslip.* Fragrant flowers in many pleasing colors. Ht. 6 to 8 in. Pkt. 15 cts.

3298 **Vulgaris (acaulis).** This is the pale yellow, sweet-scented English Primrose that blooms in early spring. Ht. 6 in. Pkt. 15 cts.

Pyrethrum

Persian Daisy

Culture G. Cover seeds ⅛ in. Ht. 2 ft. Blooms May to July.

Perfectly hardy and of easy culture, they are invaluable in the garden as well as for cut-flowers. Will bloom a second time in the fall if the first growth is cut back.

3300 **Hybridum, Single, Mixed.** Daisy-like flowers in giant single varieties, ranging from light pink to carmine-red. Pkt. 15 cts.; ¼oz. 75 cts.

3301 **Hybridum, Double, Mixed.** Finest double hybrids. Seed saved from a famous collection. Only a portion of the plants will produce double flowers the first season. Pkt. 25 cts.; ⅛oz. 75 cts.

3302 **Dark Red Shades.** Pkt. 25 cts.; ⅛oz. 50 cts.

3303 **Hybridum roseum.** Large blooms of deep rose. Pkt. 15 cts.; ⅛oz. 50 cts.

Iceland Poppies

Rudbeckia - Coneflower

Culture G. Cover seeds ¼ in. Ht. 3 ft. Blooms Aug. and Sept.

3313 **Newmani.** Vigorous in growth, with bright, rich yellow flowers having purple cones. Pkt. 15 cts.; ¼oz. 65 cts.

Salvia - Sage

Culture A. Cover seeds ⅛ in. Ht. 2 to 3 ft. Blooms July to frost.

3335 **Farinacea.** A perennial variety which should be treated like an annual. Lovely blue flowers with grayish stems. Pkt. 15 cts.

3336 **Patens.** *Blue Sage.* Tender perennial with deep rich blue flowers. Treat in the garden as an annual. Pkt. 20 cts.

Saponaria

Culture G. Cover seeds ⅛ in. Ht. 9 in. Blooms June to Aug.

3342 **Ocymoides.** ● Hardy rockery plant of spreading habit that bears masses of tiny rose flowers all summer. Pkt. 10 cts.; ¼oz. 35 cts.

Scabiosa

Pin-Cushion Flower

Culture G. Cover seeds ¼ in. Ht. 2½ ft. Blooms June to July.

Free-blooming, vigorous plants. Excellent cut-flowers.

3361 **Caucasica.** Flowers light azure-blue on long stems. Blooms the first season from early-sown seed. Pkt. 15 cts.

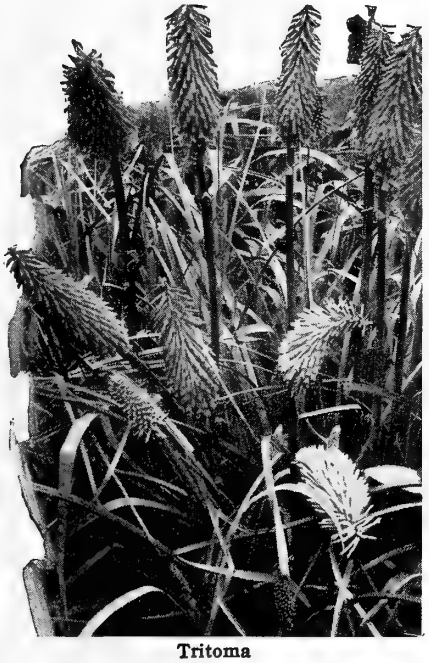
3362 **House's Giant Hybrids.** Large blooms with ruffled and fringed edges. Pkt. 25 cts.

3363 **Japonica.** Bushy plants with lavender flowers. Pkt. 10 cts.

Silene

Culture G. Cover seeds ⅛ in. Blooms July to Oct.

3371 **Schafta.** ● A much-branched trailing variety with showy rosy purple flowers. Pkt. 25 cts.



Tritoma

Statice - Sea-Lavender

Culture G. Cover seeds ⅛ in. Ht. 2 ft. Blooms July to Sept. Prefers sun.

3388 **Latifolia.** Strikingly effective plants with clouds of tiny purplish blue flowers. Valuable for drying for winter decoration. Pkt. 10 cts.; ¼oz. 50 cts.

Stokesia

Cornflower Aster

Culture G. Cover seeds ⅛ in. Ht. 1½ ft. Blooms Aug. to Oct.

3435 **Cyanea.** A charming plant for the hardy border, also fine for cutting. Produces an abundance of beautiful aster-like lavender-blue flowers. Pkt. 15 cts.; ¼oz. 75 cts.

Sweet William

Dianthus barbatus

Culture G. Cover seeds ⅛ in. Ht. 1½ ft. Blooms May to July.

Handsome old perennial favorites, bearing heads of fragrant, richly colored flowers. Effective in beds and borders.

3561 **Holborn Glory.** Large, handsome, single flowers in a large range of colors, all with distinct white eyes. Pkt. 10 cts.; ¼oz. 35 cts.

3562 **Maroon.** Velvety, dark red. Pkt. 10 cts.; ¼oz. 35 cts.

3563 **Newport Pink.** A beautiful shade of salmon-pink. Massive heads on long stems. Pkt. 10 cts.; ¼oz. 50 cts.

3564 **Scarlet Beauty.** Rich deep scarlet with large heads. Pkt. 10 cts.; ¼oz. 50 cts.

3565 **Single White.** Pure white. Pkt. 10 cts.; ¼oz. 35 cts.

3569 **COLLECTION: One pkt. each of above 5 colors 40 cts.**

3567 **Choice Single, Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

3568 **Choice Double, Mixed.** Pkt. 10 cts.; ¼oz. 35 cts.

Sweet Rocket - Hesperis

Culture G. Cover seeds ⅛ in. Ht. 2 to 3 ft. Blooms June to Aug.

3555 **Matronalis.** Erect-growing, with clusters of sweet-scented flowers. Nice for borders and for cutting. Flowers white and deep lavender. Pkt. 10 cts.; ¼oz. 25 cts.

Thalictrum

Meadow-Rue

Culture G. Cover seeds ⅛ in. Ht. various.

3575 **Adiantifolium.** Finely cut, maidenhair-fern-like foliage with miniature white flowers in June and July. Ht. 15 in. Pkt. 10 cts.; ⅛oz. 35 cts.

3576 **Dipterocarpum.** Graceful plumes of rosy purple flowers with conspicuous yellow anthers. Blooms Aug. to Sept. Ht. 4 to 5 ft. Pkt. 15 cts.; ⅛oz. 75 cts.

Tritoma

Red-Hot Poker Plant

Culture G. Cover seeds ⅛ in. Ht. 3 ft. Blooms Aug. and Sept.

3582 **Hybrida.** Brilliant half-hardy perennial border plant with striking orange-red flower-spikes in tubular form. Lift in the fall and carry over in a coldframe. Pkt. 15 cts.; ¼oz. 75 cts.

Trollius - Globe Flower

Culture G. Cover seeds ⅛ in. Ht. 2 ft. Blooms May to Aug. Prefers moist, partly shaded locations.

3585 **Ledebouri.** Large, orange, buttercup-like blooms. Seed germinates very slowly. Pkt. 25 cts.

Verbena

Culture A. Cover seeds ⅛ in. Ht. 1 ft. Blooms all summer.

3617 **Venosa.** *Hardy Garden Verbena.* Bushy plants producing flowers in graceful panicles of sky-blue and purple. Tubers should be lifted in the fall. Pkt. 10 cts.

Veronica

Culture G. Cover seeds ⅛ in. Ht. 1½ ft. Blooms June and July.

3620 **Spicata.** An elegant hardy border plant producing long spikes of bright blue flowers. Pkt. 15 cts.

Wallflowers

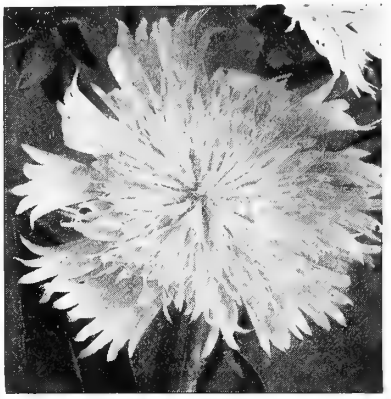
Culture A. Cover seeds ⅛ in. Ht. 1½ ft.

Prized for their delightful fragrance and grown for early spring bedding plants and for pot-culture. They should be wintered over in coldframes and planted out in April.

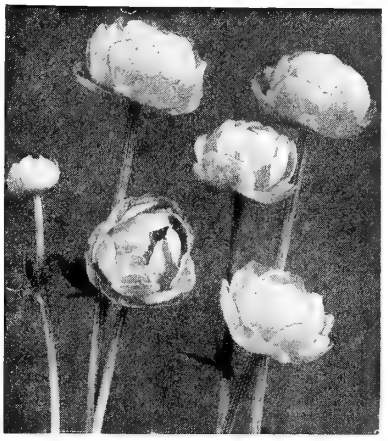
3640 **Single Paris.** A single-flowering variety blooming in July from seed sown indoors in February or March. Pkt. 10 cts.; ¼oz. 25 cts.

3641 **Choice Single, Mixed.** All colors. Pkt. 10 cts.; ¼oz. 25 cts.

3642 **Double Early Wonder, Mixed.** When sown indoors early, will bloom about July. Strong spikes of double, fragrant flowers. Pkt. 25 cts.; ⅛oz. 50 cts.



Stokesia cyanea



Trollius

Sweet William

Conservatory and House-Plants

It is of the utmost importance that the grower secure only the highest quality of seeds for Conservatory or Greenhouse use. We offer a high standard of excellence in the stocks offered below, all of which have been produced by the foremost seed specialists.

Cineraria hybrida

Abutilon

Flowering Maple

Culture E. Cover seeds ⅛ in. Ht. 2 ft. Night temperature 52°.

Valuable house-plants which will bloom in the outdoor garden during summer and fall. Plants should be lifted in the fall and brought indoors where they will flower throughout the winter.

2006 **Hibiscus-flowered Hybrids.** Flowers held upright, ranging in color from cream to golden yellow and from white to rose. Free blooming. Pkt. 25 cts.

Cineraria

Culture F. Cover seeds ⅛ in. Ht. various. Night temperature 48°.

Distinct and ornamental house-plants bearing magnificent heads of velvety flowers in white, all shades of blue from pale to dark blue, pink, carmine, and crimson with many bicolors.

2536 **Hybrida grandiflora nana, California Super-Giants, Mixed.** This new California Giant strain is recognized as outstanding among all Cinerarias. The huge flowers measure 4 to 6 inches across, with single petals 1 to 1½ inches wide, and are borne in profusion. Ht. 15 to 18 in. Originator's pkt. $1.00.

2530 **Hybrida grandiflora.** A prize strain. Large-flowering and unsurpassed for richness of color. Ht. 1½ ft. Pkt. 50 cts.

2531 **Hybrida grandiflora, Semi-Dwarf.** Plants about 1 foot tall, compact in growth, and bearing large, superbly colored flowers in profusion. Pkt. 50 cts.

CINERARIA, continued

2532 **Hybrida grandiflora nana.** Splendid, dwarf, profusely blooming hybrids. Pkt. 50 cts.

2533 **Hybrida grandiflora, Matador.** A French variety bearing large scarlet flowers. Pkt. 50 cts.

2534 **Hybrida stellata.** *Star Cineraria.* Star-shaped flowers with narrow petals in many pleasing colors. Highly decorative. 1½ ft. high. Pkt. 50 cts.

2535 **Hybrida grandiflora, Cremer's Prize Strain.** A fine new strain, forming exceptionally shapely specimens covered with a dense mass of blooms. Trade pkt. $1.50.

Cyclamen

Culture F. Cover seeds ⅛ in. Moist atmospheric condition; 52° house.

We offer a choice selection of the finest strain of Cyclamen seed grown by a noted European specialist. Seed may be sown any time during the summer or autumn.

		Pkt.
2611	**Dark Blood-Red**	$0 50
2613	**New Salmon-Rose**	75
2615	**Pink Pearl**	75
2617	**Pure White**	50
2618	**Saffron-Red**	50
2621	**Salmon**	50
2622	**Salmon-Scarlet**	75
2624	**White, Carmine Eye**	50

2630 **Choice Mixed.** Pkt. 50 cts.; 100 seeds $2.00.

Dracaena - Cordyline

Culture F. Cover seeds ¼ in. Night temperature 52°.

2710 **Indivisa.** Graceful foliage plants. Fine subjects for vases. Second-year plants may be planted out in the open border in late spring and repotted in the fall. Pkt. 10 cts.; ¼oz. 25 cts.

Geranium

Culture E. Cover seeds ⅛ in. Ht. various.

Easily grown from seeds, they will bloom the first season. A real challenge to the grower, with always the chance of producing something entirely new.

2800 **Zonale, Mixed.** Pkt. 20 cts.

Gerbera

Transvaal Daisy

Culture E. Cover seeds ⅛ in. Ht. 1½ to 2 ft. Night temperature 58°.

2802 **Jamesoni Hybrids.** Half-hardy perennials usually grown as greenhouse plants, but can, with care, be grown in the garden if wintered over in a coldframe. Graceful flowers on long stems for cutting, ranging from pure white through the shades of yellow, salmon, orange, and red. Pkt. 25 cts.

Gloxinia

Culture F. Press seeds lightly into soil. Night temperature 58°. Will bloom 5 to 6 months after sowing.

2810 **Large-flowered Hybrids.** Large, tubular flowers of velvety texture in many brilliant colors. Handsome bronze-green foliage with white veins. The strain we offer is the finest produced. Compact and erect in growth; large-flowering and free blooming. Pkt. 50 cts.

Grevillea - Silk Oak

Culture F. Cover seeds ⅛ in. Night temperature 52°.

2855 **Robusta.** A handsome pot-plant of upright growth with graceful, fern-like foliage. Young plants 3 to 5 feet high are prized as window decorations and are equally useful in protected nooks outdoors. Pkt. 10 cts.; ¼oz. 50 cts.

Impatiens

Zanzibar Balsam

Culture E. Cover seeds ⅛ in. Ht. 1½ ft. Night temperature 52°.

Charming plants for the house or conservatory; also suitable for the summer border. Requires no special treatment.

2922 **Holsti Hybrids.** A remarkable strain of great vigor, splendid for pot-culture. Compact plants about 1 foot high and 1 foot in diameter, with glossy green foliage and a profusion of bright flowers in orange, scarlet, pink, and white. Pkt. 25 cts.

2923 **Sultani.** Strong grower, 1½ to 2 feet tall, bearing brilliant rosy scarlet blossoms which contrast in striking manner with the bright green foliage. A rare and beautiful house-plant. Pkt. 25 cts.

Cyclamen

Maurandia

Culture F. Cover seeds ⅛ in. Ht. 8 to 10 ft.

3025 **Mixed.** Slender-growing climber, fine for conservatory or greenhouse. Flowers the first season. Pkt. 25 cts.

Mimulus - Musk-Plant

Culture E. Cover seeds ⅛ in. Ht. 8 in. Night temperature 52°.

3040 **Moschatus.** A nice plant for pots or hanging-baskets, or for a moist, shady location in the garden. The flowers are small and yellow and the foliage fragrant. Pkt. 15 cts.

Musa

Abyssinian Banana Plant

Culture E. Cover seeds ¾ in. Night temperature 58°.

3060 **Ensete.** A large and showy foliage plant particularly good to create subtropical effects if planted in tubs or garden. A fast grower. Pkt. (10 seeds) 25 cts.

Solanum

Jerusalem Cherry

Culture F. Cover seeds ⅛ in. Ht. 1 ft. Night temperature 52°.

3380 **Capsicastrum nanum.** Ornamental pot-plants bearing an abundance of handsome scarlet berries. Pkt. 10 cts.

3381 **Cleveland Red Cherry.** An improved form of this ornamental pot-plant. Dwarf and compact, with large number of berries. Pkt. 15 cts.

Primula - Primrose

Culture F, except use no peat moss or leaf-mold. Night temperature 52°.

The profuse, winter-blooming Primulas are invaluable for the florist or for conservatory use. Mostly used as pot-plants, they may also be benched and cut for vase or design work. Sow in January for Christmas blooming; in March for a following crop; and in May for Easter display.

OBCONICA

We offer an improved free-flowering strain with extra-large flowers.

3280 **Grandiflora, Rose Queen.** Soft pink. Pkt. 50 cts.

3282 **Grandiflora, Red Mohnstein.** Deep red. Pkt. 75 cts.

3283 **Grandiflora rosea.** Bright rose. Pkt. 75 cts.

3285 **Grandiflora, Mixed.** All colors. Pkt. 50 cts.

3287 **Gigantea, Mixed.** All colors. Pkt. 50 cts.

MALACOIDES, BABY PRIMROSE

Flowers in profusion on long stems.

3290 **Alba** 3291 **Rosea**

Each of above, pkt. 25 cts.

Stevia - Piqueria

Culture F. Cover seeds ⅛ in. Ht. 2½ ft. Night temperature 45°.

3390 **Serrata.** Free-blooming plants excellent for cutting. Bears clusters of pure white, fragrant flowers during summer and winter. Pinch plants back frequently. Pkt. 10 cts.; ⅛oz. 40 cts.

Primula obconica grandiflora

Vines

Vines are an important class of plants when, by their proper selection, they can be utilized not only for their beauty, but to provide shade and also to screen unsightly places about the garden or home. The annual vines are the quickest growers and in most cases their foliage is finer and not as broad-leaved as the perennial climbers.

Cardinal Climber

See page 31 for Special Collections of Flower Seeds

Adlumia

Allegheny Vine; Mountain Fringe

Culture C. Cover seeds ¼ in. Ht. 15 ft. Prefers semi-shade.

2022 **Cirrhosa.** A graceful, hardy biennial which seeds itself. Fine feathery foliage that resembles the maidenhair fern. Tubular pinkish flowers completely cover the plant. Blooms the first season from seed if sown early. Pkt. 15 cts.

Ampelopsis - Boston Ivy

Culture G. Cover seeds ¼ in. Ht. 20 to 40 ft.

2065 **Veitchi.** A hardy perennial vine which clings to brick or stone walls without any support. The foliage stands dust and smoke well and turns scarlet in the fall. Slow in germinating. Pkt. 10 cts.

Balloon Vine

Love-in-a-Puff

Culture C. Cover seeds ¼ in. Ht. 8 to 10 ft. Prefers warm location.

2300 A rapid-growing annual climber with white flowers, succeeded by miniature balloon-like seed-pods. Pkt. 10 cts.; ½oz. 25 cts.

Canary-Bird Vine

Tropaeolum canariense

Culture B. Cover seeds ¼ in. Ht. 10 to 15 ft. Blooms continuously.

2400 A rapid-growing annual vine with delicate yellow flowers. Foliage finely cut, light green. Pkt. 10 cts.; ¼oz. 20 cts.

Cardinal Climber

Ipomoea Quamoclit hybrida

Culture B. Cover seeds ¼ in. Ht. 25 ft. Blooms midsummer to frost. Sunny location preferred.

2420 Beautiful annual climber, growing fast and attaining a height of 25 feet. Foliage fern-like. Flowers brilliant cardinal-red, 1½ inches across, borne in clusters of 5 to 7 each. Pkt. 15 cts.; ¼oz. 50 cts.

Cobaea - Cathedral Bells

Culture H. Cover seeds ¼ in. Press seed into soil edgewise. Ht. 30 ft.

2555 **Scandens, Blue.** A quick-growing tender perennial vine best treated as an annual. Graceful and rampant climber, clinging to any rough surface. Large, bell-shaped purple flowers. Pkt. 10 cts.; ¼oz. 25 cts.

Use Vines for a background for tall-growing Perennials

Lathyrus

Cypress Vine

Ipomoea Quamoclit

Culture A. Cover seeds ⅛ in. Ht. 15 ft. Blooms midsummer to frost.

2640 A lovely annual vine with delicate fern-like foliage and masses of tiny star-shaped scarlet and also white flowers. Pkt. 10 cts.; ¼oz. 25 cts.

Dolichos - Hyacinth Bean

Culture B. Cover seeds ½ in. Ht. 10 to 12 ft.

An ornamental annual vine of rapid growth with showy pea-like flowers on erect racemes.

2705 **Darkness.** Purplish lavender flowers succeeded by deep maroon-purple pods and large heart-shaped leaves. Pkt. 10 cts.; oz. 30 cts.

2706 **Daylight.** White flowers and pods. Light green foliage. Free flowering. Pkt. 10 cts.; oz. 30 cts.

2707 **Lablab, Mixed.** Tall-growing, with flowers ranging in color from white to purple. Pkt. 10 cts.; oz. 25 cts.

Gourds, Ornamental

Culture B. Cover seeds ½ in. Ht. various.

Interesting annual climbers, useful for covering verandas, arbors, etc. They are rapid growers and their fruits are highly ornamental.

2827 **Dipper**
2828 **Dishrag**
2833 **Giant Club**
2830 **Hercules' Club**
2831 **Nest-Egg**
2832 **Pipe Calabash**
2835 **Choice Mixed**

Each of above, pkt. 10 cts.; oz. 30 cts.

2829 **COLLECTION: One pkt. each of above 6 varieties 50 cts.**

Humulus - Japanese Vine

Culture B. Cover seeds ¼ in. Ht. 25 to 30 ft.

Perhaps the fastest annual climber with dense, highly ornamental foliage, followed by clusters of white flowers.

2915 **Japonicus.** Growing to 30 feet in season. Pkt. 10 cts.; ¼oz. 30 cts.

2916 **Japonicus variegatus.** Foliage variegated with creamy white on deep green. Matures in one season. Pkt. 10 cts.; ¼oz. 40 cts.

Kudzu Vine - Pueraria

Culture G. Cover seeds ¼ in. Ht. 30 to 40 ft. Blooms in late Aug.

2927 **Japanese.** A hardy climber reaching 8 to 10 feet the first year from seed. Once established will climb 30 to 40 feet in a season. Large leaves valuable for shading. Bears small racemes of rosy purple pea-shaped blooms. Pkt. 10 cts.; ¼oz. 25 cts.

MAURANDIA. See Greenhouse and Conservatory Section.

Lathyrus

Hardy Sweet Pea

Culture G. Cover seeds ½ in. Ht. 5 ft. Blooms all summer.

2960 **Latifolius.** A showy perennial climber with flowers much like the annual sweet pea, but without fragrance. Suitable for low trellises and screens. Pkt. 10 cts.; ½oz. 25 cts.

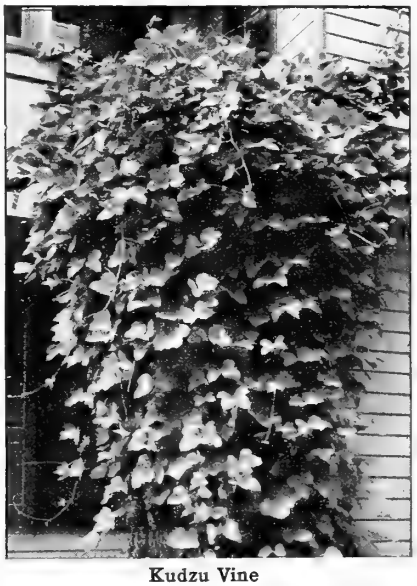
Momordica

Culture B. Cover seeds ¼ in. Ht. 10 to 15 ft.

Attractive, quick-growing annual vines with ornamental foliage and curious warted fruit.

3046 **Balsamina.** *Balsam Apple.* Small yellowish flowers followed by apple-shaped, golden yellow, warty fruits. Pkt. 10 cts.; oz. 50 cts.

3047 **Charantia.** *Balsam Pear.* Pear-shape fruits. Glossy green foliage. Pkt. 10 cts.; oz. 50 cts.



Kudzu Vine

Japanese Morning-Glories

Morning-Glories and Moonflowers

Culture B. Cover seeds ¼ in. Ht. 15 to 20 ft.

Old and friendly annual vines with flowers in many new varieties and beautiful color schemes. Sow in well-drained location. Improve soil by adding humus, or old well-rotted manure and sand. Commercial fertilizers should never be used.

3055 **Imperial Japanese Giant Morning-Glory, Mixed.** Remarkable for the brilliant color and gigantic size of the flowers, as well as for the form and variation of the foliage. Pkt. 10 cts.; oz. 30 cts.

3056 **Heavenly Blue Morning-Glory (Clark's Early-Flowering).** We offer an improved early-flowering strain of these lovely true blue flowers shading to white in the throat and measuring 4 inches in diameter. Profuse bloomers, remaining open until noon. Best results from starting seed early in pots indoors and later plunging the pots outdoors, keeping the plants pot-bound. Pkt. 15 cts.; ¼oz. 50 cts.

3057 **Tall Mixed Morning-Glory** (*Ipomœa purpurea*). *The Common Morning-Glory.* Always satisfactory, thriving in any soil. All shades of blue, pink, and red. Pkt. 10 cts.; oz. 25 cts.

3058 **Brazilian Morning-Glory** (*I. setosa*). An extremely rapid grower with leaves often measuring 10 inches across. The large flowers appear in late summer and are deep rose with a five-pointed star of satiny pink. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

3051 **Grandiflora.** *White-seeded Moonflower.* Quick-growing climbers with dense green foliage and immense pure white flowers 5 to 6 inches in diameter, that open in the evening and on cloudy days. Seed should be started early indoors. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

Wild Cucumber

Echinocystis

Culture B. Cover seeds ¼ in. Ht. 10 to 30 ft. Soak seeds in lukewarm water for 12 hours before sowing.

3720 **Lobata.** One of the fastest growing annual vines. Bright green foliage with sweet-scented white flowers during July and August, followed by ornamental spiny seed-pods. Pkt. 10 cts.; oz. 35 cts.

Beckert's Seed Store Flower Seed Collections

Cosmos

The worth-while varieties combined in Beckert's Special Flower Seed Collections have been selected to meet the requirements of gardeners who desire choice flowers for both cutting and garden display, and who do not care to make individual selections of varieties. These Collections represent liberal values and the highest quality seed stocks.

Special Collection: 12 Choice Annuals for Cutting

VALUE $1.20; If purchased as a Collection COST 90 cts.

	Page		Page
Antirrhinum, Semi-Dwarf, Mixed	5	Gaillardia picta, Double, Mixed	11
Aster, Queen of the Market, Mixed	6	Larkspur, Stock-flowered, Mixed	12
Calendula, Double, Mixed	7	Marigold, African, Double, Mixed	13
Centaurea cyanus, Double, Mixed	8	Poppy, Shirley, Mixed	16
Cosmos, Mammoth Early, Mixed	9	Scabiosa, Large-flowered, Mixed	17
Everlasting (Helichrysum), Mixed	10	Zinnia, Giant Double, Mixed	20

Gaillardia

Collection: 12 Hardy Perennials

VALUE $1.40; If purchased as a Collection COST $1.00

	Page
Aquilegia, Double, Mixed	21
Centaurea montana, Blue	22
Coreopsis lanceolata	22
Delphinium chinense, Blue	23
Digitalis gloxiniæflora, Mixed	23
Gaillardia grandiflora, Mixed	23
Helenium autumnale superbum	24
Linum perenne	24
Lupinus polyphyllus	25
Physostegia virginica	25
Scabiosa caucasica	26
Stokesia cyanea	27

Collection: 12 Choice Annuals

FOR ROCK-GARDENS

VALUE $1.25; If purchased as a Collection COST $1.00

	Page
Alyssum, Carpet of Snow	5
Brachycome	7
Candytuft, Little Prince	8
Gypsophila muralis	11
Hunnemannia, Sunlite	11
Marigold (Tagetes signata pumila)	13
Mesembryanthemum tricolor	13
Phlox, Dwarf, Finest Mixed	16
Portulaca, Single, Mixed	16
Verbena, Choice Mixed	19
Viscaria, Dwarf, Mixed	19
Zinnia, Mexicana Hybrids	20

Flowers for Special Purposes

ANNUAL FLOWERS FOR CUTTING

Agrostemma	Chrysanthemum	Nasturtium
Antirrhinum	Cosmos	Poppy
Arctotis	Everlastings	Rudbeckia
Aster	Gaillardia	Salpiglossis
Blue Lace Flower	Gypsophila	Scabiosa
Calendula	Larkspur	Schizanthus
Calliopsis	Lupinus	Sweet Pea
Centaurea	Marigold	Zinnia

POPULAR HARDY PERENNIALS

Achillea	Delphinium	Pentstemon
Aconitum	Dianthus	Phlox
Adonis vernalis	Digitalis	Physostegia
Anemone	Gaillardia	Poppy
Anthemis	Helenium	Pyrethrum
Aquilegia	Heuchera	Sweet Rocket
Bellis perennis	Hibiscus	Thalictrum
Coreopsis	Iberis gibraltarica	Trollius

DWARF FLOWERS FOR EDGING

Annuals	Perennials
Alyssum	Anemone
Lobelia	Arabis
Marigold, Dwarf	Aubrietia
Nemesia	Bellis perennis
Pansy	Campanula carpatica
Portulaca	Cerastium
Saponaria Vaccaria	Iberis gibraltarica
Verbena	Viola

FOR SEMI-SHADED LOCATIONS

Anchusa italica	Centaurea	Mignonette
Aquilegia	Clarkia	Myosotis
Balsam	Coleus (Foliage)	Pansy
Bellis perennis	Geum	Platycodon
Campanula	Godetia	Sweet William
	Lupinus	

ROCK-GARDEN FAVORITES

Annuals	Perennials
Alyssum, Carpet of Snow	Alyssum saxatile
Antirrhinum, Rock Hybrids	Arabis alpina
Brachycome iberidifolia	Campanula carpatica
Candytuft, Little Prince	Cerastium tomentosum
Hunnemannia fumariæfolia	Cheiranthus Allioni
Marigold (*Tagetes signata pumila*)	Dianthus, Rock Hybrids
Mesembryanthemum	Geum, Lady Stratheden
Nemesia strumosa	Heuchera sanguinea
Phlox, Dwarf Cecily	Iberis sempervirens
Portulaca, Mixed	Poppy, Iceland
Viscaria, Dwarf Mixed	Primula elatior
Zinnia mexicana Hybrids	Saponaria ocymoides

FOR WINTER BOUQUETS

Acroclinium	Nemesia
Ammobium	Physalis
Eulalia	Rhodanthe
Gomphrena	Salvia farinacea
Gypsophila paniculata	Statice
Helichrysum	Xeranthemum

Delicious Asparagus

SPARGEL (*Ger.*) SPARAGIO (*Ital.*)

One ounce of seed will plant 50 feet of row.

One of our delicious, earlier vegetables that should find a place in every home-garden. Sow seed in early spring in rows in a well-prepared seed-bed and transplant to permanent location the next year. The permanent bed should be deeply spaded or trenched, well fertilized, and humus added in the form of well-rotted manure or other humus-supplying medium.

Mary Washington. One of the best. Produces thick, tender, exceptionally uniform shoots with purple tips. Somewhat more disease-resisting than the other varieties. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Giant Argenteuil. A very prolific producer of tender, light greenish purple topped stalks. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Palmetto. One of the earliest and most prolific. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Asparagus Roots

Strong, two-year-old roots.

Mary Washington. 50 roots $1.25; 100 roots $2.00; 1000 roots $15.00.

Palmetto. 50 roots $1.00; 100 roots $1.50; 1000 roots $10.00.

Artichoke

ARTISCHOCKE (*Ger.*) ARTICIOCCA (*Ital.*)

One ounce of seed will produce 500 plants.

Large Green Globe. The thick, fleshy flower-heads, when prepared like asparagus, are considered a great delicacy. Will produce the second season. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts. Postpaid.

Bush Beans

BOHNEN (*Ger.*) FAGIUOLI (*Ital.*)

One pound of seed will plant about 50 feet of row.

Being an essential part of every garden, the quality of Beans is naturally judged by their tenderness and the absence of strings or fiber in the pods. The different varieties offered we know will meet with the growers' full approval.

Sow about the middle of May, in rows 2 inches deep, 18 to 20 inches apart. The first sowing may, after harvesting, be followed by a crop of lettuce, endive, spinach, celery, cauliflower, or a second sowing of Beans.

Green-podded Bush Beans

Asgrow Valentine. Retains all the desirable qualities of the Black Valentine of yesteryear, but with absolutely stringless, straight, tender, oval pods. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Tendergreen. Gold Medal Winner of 1933. It deserves this distinction, being a heavy yielder of round, tender, fleshy pods, 6 to 7 inches long, of excellent flavor. Matures 52 days after planting. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Bountiful. Perhaps the best-known flat-podded green stringless Bean. An abnormally heavy yielder, it adapts itself to all soil or climatic conditions. Matures in 60 days. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Burpee's Stringless Green-Pod. Very early and round-podded, it fills the need for an all-purpose Bean. Besides being a heavy bearer, it has a long yield period. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

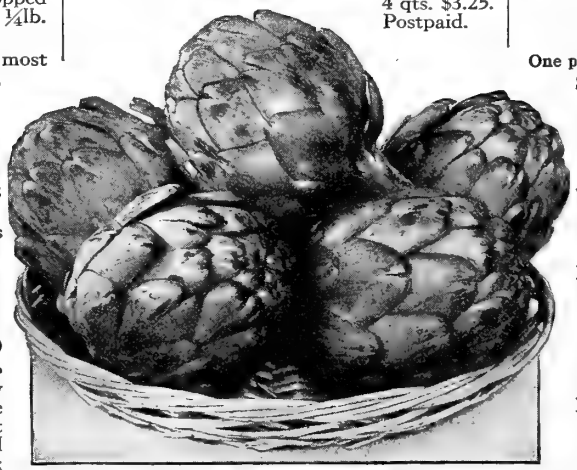
Full Measure. Well named. The plants are thrifty and bear their tender, round pods early in the season. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Giant Stringless Green-Pod. A most dependable yielder. It produces its handsome stringless round pods in abundance. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Keeney's Stringless Green Refugee. A round-podded variety that matures late. Exceptionally fine for canning. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Masterpiece. A superior greenhouse forcing variety; tender and meaty. Pkt. 15 cts.; pt. 60 cts.; qt. $1.00; 2 qts. $1.75; 4 qts. $3.25. Postpaid.

Bountiful Beans



Large Green Globe Artichokes

Wax-podded Bush Beans

One pound of seed will plant about 50 feet of row.

Sure-Crop Stringless Wax. A thoroughbred, flat-podded Wax Bean bearing rich, yellow, stringless 6-inch pods in 55 days. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Wardwell Kidney Wax. An excellent early variety with creamy yellow, flat pods. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Round-Pod Brittle Wax. Vigorous grower in rich soils. Drop seeds 5 inches apart. Bears slightly curved round pods for the better part of one month. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Pencil-Pod Black Wax. Stringless, meaty, round, slender, bright yellow pods 6 to 7 inches long. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Vegetable Seeds

Savory Lima Beans

Pole Lima Beans

One pound of seed will plant 75 hills.

Giant-podded. The largest-podded of all Lima Beans. Shells large; white Beans of excellent flavor. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Early Leviathan. Earliest of all Pole Limas. Large, flat pods of 5 or 6 pale green, tender Beans. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

King of the Garden. A heavy producer of large white Beans in 88 days. Quality excellent. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Carolina or **Sieva.** Small, white-seeded; fine flavor; heavy bearer and fine for canning. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Kentucky Wonder Pole Beans

Bush Lima Beans

One pound of seed will plant about 50 feet of row.

Extra-Early Giant. The earliest of all the large-podded Bush Limas. Will thrive farther north than most other Limas. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Burpee's Giant Improved. The pods and Beans are enormous, flat, and of fine quality. A heavy yielder maturing in 75 days. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Fordhook. The pods, borne in clusters, contain 4 or 5 oval, fleshy, green-tinted Beans, tender and delicious in flavor. Matures in 78 days. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Wood's Prolific. The dwarf "Butter Bean" of the South. Beans are small, but of unsurpassed flavor. Favorite for canning. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Pole Beans

Green-podded Varieties

One pound of seed will plant 100 hills.

Kentucky Wonder or **Old Homestead.** A popular old reliable, deserving all its popularity on account of the heavy clusters of round and meaty pods, often 9 inches long. Matures in 85 days. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

White-seeded Kentucky Wonder. Pods 6 to 8 inches long, dark green, stringless, and borne in clusters. Excellent for dry shell use, as well as for Snap Beans. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Lazy Wife. Thick, flat pods, stringless, tender, and rich in flavor. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Horticultural Pole. Large, fleshy pods of fine flavor. Unexcelled for Shell Beans. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Scarlet Runner. Grown for its showy red blossoms. Pods shelled and cooked like Limas. Pkt. 15 cts.; pt. 40 cts.; qt. 75 cts. Postpaid.

Yard Long or **Asparagus.** Narrow, enormous, long pods of asparagus-like flavor. Pkt. 15 cts.; pt. 50 cts.; qt. $1.00. Postpaid.

Wax-podded Varieties

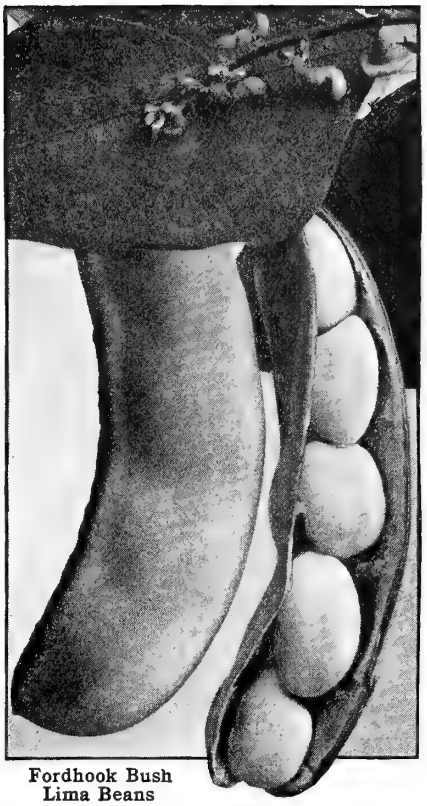
Kentucky Wonder Wax. Resembles Green-podded Kentucky Wonder except in color of pod. Immensely productive. Matures in 75 days. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Golden Cluster Wax. Produces large clusters of broad, flat, thick, light yellow pods 7 inches long and 1 inch broad. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

FREE DELIVERY
To Any Post Office in the United States

All Vegetable Seeds Quoted in this Catalog, up to 5 Pounds

Prices on Larger Quantities Quoted on Request



Fordhook Bush Lima Beans

Dry Shell Beans

One pound of seed will plant about 50 feet of row.

White Marrowfat. Large, plump, white Beans. Finest for baking. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Snowflake Navy. Improved strain of the small Navy Beans. Early and very productive. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts.; 2 qts. $1.00; 4 qts. $1.80. Postpaid.

Horticultural Dwarf. The pods, being entirely stringless, are favorites for Snap-Shorts; also excellent for green shelled Beans. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

White Kidney. Large, white, kidney-shaped Bean of fine quality. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts.; 2 qts. $1.00; 4 qts. $1.80. Postpaid.

Red Kidney. Like White Kidney, except for color of seed. Popular for baking and soups. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts.; 2 qts. $1.00; 4 qts. $1.80. Postpaid.

Broccoli

SPARGELKOHL (*Ger.*) CAVOLO BROCCOLO (*Ital.*)

One ounce of seed will produce 3000 plants.

Italian Green Sprouting. Forms small heads of distinctive flavor. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts. Postpaid.

Brussels Sprouts

ROSENKOHL (*Ger.*) CAVOLO DI BRUXELLES (*Ital.*)

One ounce of seed will produce 2500 plants.

Long Island Improved. Considered the best strain for the home grower. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.10. Postpaid.

Try our special strain of Crosby's Egyptian or "Good-for-All" Beet

Grow Tender Beets

RUBE (*Ger.*) BARBABIETOLA (*Ital.*)

One ounce of seed will plant 75 feet of row.

Spade your garden deeply and sow seed carefully in early April, in rows 18 inches apart and 1 inch deep. When seedlings are about 3 inches high, thin out so that plants stand about 3 to 4 inches apart, which gives ample room for their full development.

Crosby's Egyptian—Special Stock. We offer a thoroughbred strain that you will find unsurpassed in earliness and quality. Roots are slightly flattened globes with small tap-roots. Flesh deep red, sweet, and tender. Ideal for the home or market gardener. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Extra-Early Egyptian. Extra-early variety with small tops. The roots are dark crimson, of medium size, and slightly flattened. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Ppd.

Early Wonder. An early strain of Crosby's with small tops and small tap-root. Recommended for first early and fall plantings. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Ppd.

Detroit Blood-Red. We have an excellent, fine-quality strain of this popular variety. Roots globular, smooth, and uniform; flesh dark red, with indistinct zones, remains sweet and tender for a long period. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

"Good-for-All." In our opinion the best all-purpose Beet in the market. The round, globular roots can be used for canning when 1 to 2 inches in diameter, and when grown to maturity will reach 4 inches, retaining their tenderness and uniform dark crimson flesh, free of white zones. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

"Good-for-All" Beet

Swiss Chard (Spinach Beet)

BIESSKOHL (*Ger.*) BIETOLA (*Ital.*)

Coming more and more into favor as a table green, Swiss Chard deserves a place in every garden. The long, broad leaves are used as greens and the fleshy stems and midribs are prepared like asparagus. Culture same as for beets.

Lucullus. The tender young leaves can be had 40 to 50 days after sowing. Its mature crumpled leaves are rich yellowish green. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Large Silver Ribbed. Leaves are darker green, smoother, and more fleshy than Lucullus. Midribs and leaf-stalks are broad and white. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Mangel Wurzels

Giant Long Red. Heavy cropper. Roots long and thick, slightly tapering. Oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts. Postpaid.

Golden Tankard. Large roots, nearly cylindrical; flesh bright yellow. Oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts. Postpaid.

Giant Half-Sugar. Rich in sugar. Roots bronze-green above ground and grayish below; smooth and uniform. Oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts. Postpaid.

Improved Copenhagen Market Cabbage

Quality Cabbage

KOPF KOHL (*Ger.*) CAVOLO (*Ital.*)

One ounce will produce about 3000 plants.

For extra-early crop, sow seed in hotbed about February 15 and transplant about March 10 to stand 2 to 3 inches each way. As soon as established, ventilate freely to harden off, and set out about middle of April. For later crops, sow seed in April or May and transplant when large enough to open ground to stand 2 to 3 feet apart.

Main-Crop and Late Cabbages

Penn State Ballhead. Perhaps the heaviest yielding Cabbage on the market. Heads remarkably large and solid. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50. Postpaid.

Large Late Flat Dutch. Heads are heavy, broad, and flat. An excellent winter keeper. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Short-Stem Danish Ballhead. Dwarf grower. A big producer of large, heavy heads. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Savoy and Red Cabbages

Perfection Drumhead Savoy. The best of all late Savoy-leaved Cabbage. Large, solid heads whose flavor is improved by frost. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Mammoth Rock Red. A select strain of the largest heading Red Cabbage. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25. Ppd.

Chinese or Celery Cabbages

Chihili. Earliest of the Chinese Cabbages. Heads are crisp, upright, and torpedo-shaped, measuring 15 to 18 inches long. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25. Postpaid.

Wong Bok. A compact, short, and broad-growing head of good flavor. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25. Ppd.

FERTILIZER FOR CABBAGE

For late Cabbage, use 500 to 700 pounds of Super-Phosphate per acre, and, later, a side-dressing of 100 to 150 pounds of Nitrate of Soda per acre.

Use a complete Fertilizer like 5-10-5 for the Vegetable Garden

Golden Acre Cabbage

CABBAGE, continued
Early and Second-Early Sorts

Golden Acre. The earliest of all Cabbages. Matures hard, round heads, uniform in size, with few outer leaves, in 80 days from sowing. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50. Postpaid.

Improved Copenhagen Market. This improved new strain typifies the true characteristics and merits of Copenhagen Market. The solid heads begin to form about a week later than Golden Acre, but not all at one time, and are about 20 per cent larger and heavier. Matures 20 days before Enkhuizen Glory. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.10. Ppd.

Enkhuizen Glory. Matures about 20 days later than Improved Copenhagen Market. The solid, globe-shaped heads are unsurpassed for size, crispness, and uniformity. Adaptable to many soil conditions, it is one of the best all-round Cabbages for market or home-garden. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.10. Ppd.

Extra-Early Jersey Wakefield. One of the very earliest, pointed-head varieties. Firm, solid, and crisp, with few outside leaves. It is ideal for those who prefer the pointed-head type. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.25. Postpaid.

Large Charleston Wakefield. A selection from the preceding, it matures about 2 weeks later. The heads are considerably larger, oblong, and pointed. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Ppd.

Super Snowball Cauliflower

CABBAGE, continued

Early Allhead. Distinguished by its large, solid, flat heads, this variety is recommended to home gardeners where only one planting of Cabbage is made. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Ppd.

All Seasons or **Succession.** Slightly later than Early Allhead, the heads are larger and thicker. An excellent all-purpose Cabbage. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Stein's Dwarf Flat Dutch. Large, solid, flat heads with short stems. Matures much earlier than Late Flat Dutch. Pkt. 10c.; ½oz. 20c.; oz. 35c.; ¼lb. $1.00. Ppd.

Nourishing Carrots

GELBE RUBE (*Ger.*) CAROTA (*Ital.*)

One ounce of seed will plant 100 feet of row.

A soil that has been well manured the previous season, and contains sufficient humus so it does not bake, will produce more shapely and smoother Carrots. Sow in rows 18 inches apart from April to June, covering the fine seed ¼ inch deep. When the seedlings are 3 to 4 inches tall, thin out to stand 3 inches apart.

Danvers Half-Long. A grand old favorite and a great yielder; its roots, 5 to 6 inches long, are nearly cylindrical and deep orange in color. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Red-cored Chantenay. A new strain that has shown many improvements over the well-known Chantenay, with tops somewhat smaller. The roots are heavy shouldered, tapering down to a pronounced stump. The flesh is fine grained, sweet and tender, and the small core is hard to distinguish. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Half-Long Luc. Of unsurpassed quality and productiveness. The stump roots, somewhat thicker than Danvers, are symmetrical, deep orange in color and show only a faint indication of core. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Morse's Bunching. The tops are short, bushy, and strong. Roots at maturity are almost cylindrical, with round shoulder, and measure 1¼ to 1½ inches in diameter and 8 inches long. Very smooth and fine deep orange in color. The core is small and indistinct. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Chantenay or **Model.** A quick-growing popular variety with broad-shouldered roots tapering slightly to an abrupt point. Flesh deep orange, of fine quality. A good winter keeper. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Nantes. An almost coreless Carrot that adapts itself to forcing or garden culture. Its roots, 6 to 7 inches long, are cylindrical and blunt-ended with reddish orange flesh. Good bunching size in 68 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Oxheart or **Guerande.** Thick and blunt-rooted with a fine flavor. Roots 5 inches long and 3 to 4 inches in diameter; easy to pull. Pkt. 10c.; oz. 20c.; ¼lb. 60c. Ppd.

Early Short Horn (French Forcing). Used largely for early and late outdoor sowings and for forcing under glass. Crisp reddish orange roots about 3 inches long and 1½ inches in diameter. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Improved Long Orange. Very long pointed roots of good quality. A heavy yielder. Useful for stock-feeding as well as for the table. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Morse's Bunching Carrots

Cauliflower

BLUMEN KOHL (*Ger.*) CAVOL FIORE (*Ital.*)

One ounce of seed will produce 3000 plants.

Cauliflower demands a rich, deep soil. Deep spading or trenching, adding well-rotted manure or other humus-supplying material, plus a complete fertilizer is important. For early crop, sow in February or March; for late crop from May to end of July. Treat seedlings the same as directed for cabbage. Plant in rows 2 feet apart each way.

Danamerica. A new and vastly improved type with a short, strong stem and compact, heavy foliage that forms a perfect cup for the exceptionally deep and heavy, firm white head. Maturing 1 week later than Super-Snowball, its uniformity of heading should recommend it strongly to the discerning market and home-gardener. Pkt. 25 cts.; ¼oz. $1.00; ½oz. $1.50; oz. $3.00.

Super Snowball. An extremely early strain, producing large, snow-white heads of the finest texture evenly throughout the crop. Recommended for forcing or outdoor planting. Pkt. 25 cts.; ¼oz. $1.00; ½oz. $1.50; oz. $3.00. Postpaid.

Selected Snowball. Early, compact strain, maturing shortly after Super Snowball. Heavy cropper of solid, compact white heads that remain in excellent condition for a long time. Pkt. 25 cts.; ¼oz. 75 cts.; ½oz. $1.25; oz. $2.50. Postpaid.

Danish Giant or **Dry Weather.** Not quite as early as the Snowballs, it nevertheless produces a perfect white head. Withstands dry weather better than any other sort. Pkt. 25 cts.; ¼oz. 75 cts.; ½oz. $1.25; oz. $2.50. Postpaid.

Veitch's Autumn Giant. A late-maturing variety with large heads. Pkt. 15 cts.; ¼oz. 35 cts.; ½oz. 50 cts.; oz. $1.00. Ppd.

Use Slug Shot for Cabbage Worms

Dusting the growing Cabbage plants with Slug Shot, a non-arsenical powder, will effectively protect them against Cabbage Worms and Aphis.

Golden Plume Celery

Crispy Celery

SELLERIE (*Ger.*) SEDANO (*Ital.*)

One ounce will produce 3000 plants.

For early crop, sow seed around the middle of March, in flats or hotbed, thinly in rows, and cover $\frac{1}{16}$ inch. Transplant when large enough to handle into other flats or coldframe; harden plants by exposing them gradually to outside conditions and plant outdoors about June 1, spacing them 8 inches apart in rows 24 inches apart. For late crop sow in outside seed-bed in May and transplant when large enough to stand 4 inches apart. When plants have reached a good size, transplant into a permanent bed. Bleach with board or commercial bleaching covers.

The Early Sorts

Florida Golden. Introduced in 1932, it has proven to be a very early and superior variety. It grows 20 to 22 inches tall, the hearts are full and compact and blanch to a rich creamy color; crisp and of fine quality. Pkt. 15 cts.; ½oz. 45 cts.; oz. 85 cts.; ¼lb. $2.25. Postpaid.

Golden Plume or **Wonderful.** Closely resembling Golden Self-blanching, it matures a little earlier and blanches more readily. Particularly resistant to Celery diseases. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.50. Postpaid.

White Plume. A handsome, tall-growing extra-early sort. Hearts become white without any blanching. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.00. Postpaid.

Easy Blanching. Of upright habit with thick brittle stalks and heavy hearts. Suitable for both early use and winter keeping. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.00. Postpaid.

Golden Self-blanching. (American-grown seed.) Dwarf, compact, early variety with solid golden yellow hearts of nutty flavor. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.50. Postpaid.

The Winter Keepers

Emperor. A dwarf green Celery for winter use. Blanches white with a yellow-tinted heart. Meaty and brittle and of rich flavor. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.00. Postpaid.

Giant Pascal. About 2 feet high, with broad, thick stalks which blanch quickly and are nutty in flavor, tender and crisp. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.25. Postpaid.

Winter Queen. Strong and robust in growth, with perfectly solid, numerous hearts. A fine winter keeper. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.00. Ppd.

London Red. A splendid red variety, compact and sturdy in growth. The unique flavor of London Red is distinct from other Celery. Pkt. 15 cts.; ½oz. 60 cts.; oz. $1.00. Postpaid.

Celeriac

Prague Giant. Grown for its large, fleshy roots which have a rare flavor. Prepared either as a salad or boiled and served with cream sauce. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.00. Postpaid.

Excellent Table Greens

Chicory

CICHORIENWURZEL (*Ger.*) CICORIA (*Ital.*)

One ounce of seed will plant 100 feet of row.

Witloof or **French Endive.** The blanched heads are delicious as salads. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Large-rooted Magdeburg. This variety is cultivated for the roots, which can be boiled and served like salsify. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Cress

KRESSE (*Ger.*) CRESCOINE (*Ital.*)

Excellent spicy spring salads.

Extra-Curled or **Pepper Grass.** Of pleasant pungent flavor; the leaves can be cut several times. Pepper Grass should be sown thickly in shallow drills in early spring, and at intervals for continued supply. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts. Postpaid.

Water Cress. Small, oval leaves, very tender, crisp and pleasantly spicy when young. Plants of dwarf, spreading habit. A perennial aquatic, which grows well along running streams. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts. Postpaid.

Collards

BLATTER KOHL (*Ger.*) CAVOLO (*Ital.*)

One ounce of seed will produce 3000 plants.

Georgia. Cultivate same as cabbage, of which it is really a tall, loose-leaved form. Grows 3 feet high, forming a cluster of undulated leaves at the top of its long stem. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Corn Salad

STECH SALAT (*Ger.*) DOLCETTA (*Ital.*)

One ounce of seed will plant 100 feet of row.

Sow the seed thickly in shallow drills in September. Highly appreciated and much grown where other salads and lettuces do not succeed. Prepared in the same manner as lettuce.

Broad-leaved. Has large, tender leaves. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Ppd.

Dandelion

LOWENZAHN (*Ger.*) DENTE DI LEONE (*Ital.*)

Improved French Thick-leaved. An early spring salad. Sow early in spring in drills 12 inches apart and thin out to 6 inches in the row. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts.; ¼lb. $2.25. Postpaid.

Improved French Thick-leaved Dandelion

Corn Salad

Appetizing Sugar Corn

MAIZ (*Ger.*) GRANO TURCO (*Ital.*)

One pound will plant 200 feet of row.

Corn, being a hot-weather product, should not be sown until the weather and ground become warm, usually about the middle of May. To aid pollination, sow in several short rows rather than in one long row, spacing rows 30 inches apart and dropping kernels every 6 inches, covering them 1 inch. When plants reach a height of 6 to 8 inches, thin out to stand 1 foot apart. For a continuous table supply sow the early varieties in succession up to July 4.

The Choicest Yellow Varieties

Golden Cross Bantam. A true hybrid produced by the Purdue University Agricultural Station. Exceptionally uniform in plant and ear, it matures in about 88 days. Being a hybrid, a noticeable increase in yield will be observed. Ears are 7½ to 8 inches long, with 10 to 14 rows of kernels. Pkt. 15 cts.; pt. 50 cts.; qt. $1.00; 2 qts. $1.80; 4 qts. $3.50. Postpaid.

Golden Bantam. The standard of quality for all Sweet Corns. The stalks are dwarf and the ears 5 to 6 inches long, with 8 rows of yellow grains. Matures in 70 to 75 days. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

Golden Colonel. Gold Medal Winner, All-America Selections, 1936. A counterpart, in growth, size of ear and the peculiar shoe-peg effect of kernel, to Country Gentleman. One of the few yellow Sweet Corns to ripen with the main late varieties. A very valuable addition for the home- and market-garden. Pkt. 15 cts.; pt. 40 cts.; qt. 75 cts.; 2 qts. $1.40.

Whipple's Golden Yellow. Fine quality and excellent flavor; it matures in 75 to 80 days. Ears 7 to 8 inches long with 12 to 14 rows of grains. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Ppd.

Barden's Wonder Bantam. An early yellow Corn growing 5 to 6 feet in height with ears 8 to 10 inches long, filled with 8 rows of rich golden yellow kernels. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

Golden Giant. A midseason variety of excellent quality. The ears are 8 inches long with 16 to 18 well-filled rows. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

Golden Sunshine. Ears 6 to 7 inches long, with 12 rows of sweet kernels; matures in 65 to 70 days. Pkt. 10c.; pt. 30c.; qt. 50c.; 2 qts. 90c.; 4 qts. $1.60. Postpaid.

Burbank's Bantam. Ears 7 to 8 inches long with 14 to 16 rows of delicious golden grains. Matures in 65 to 70 days. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

The Early White Sorts

Early Mayflower. One of the sweetest of the early white varieties. The ears average 6 to 7 inches in length and the kernels are clear white and tender. 75 days. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

Howling Mob. A well-known second-early. The large ears are 7 to 9 inches long with 12 to 14 rows of kernels. A fine Corn for every purpose. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

The Late White Varieties

White Evergreen. The finest strain of Stowell's Evergreen in cultivation. Very productive; ears exceedingly uniform, 8 inches long and 16-rowed; kernels a trifle broader and whiter than those of Stowell's. Quality is extra-fine. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

Country Gentleman. The well-known "shoe-peg" Corn, noted for its superb quality. Good-sized ears densely filled with long, narrow kernels, which are irregularly placed on the small cob. Ready at the same time as Stowell's. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

Stowell's Evergreen. The standard late Sweet Corn, holding well in prime condition at eating stage; stalks tall and sturdy. Very large ears with deep kernels, sweet and tender. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

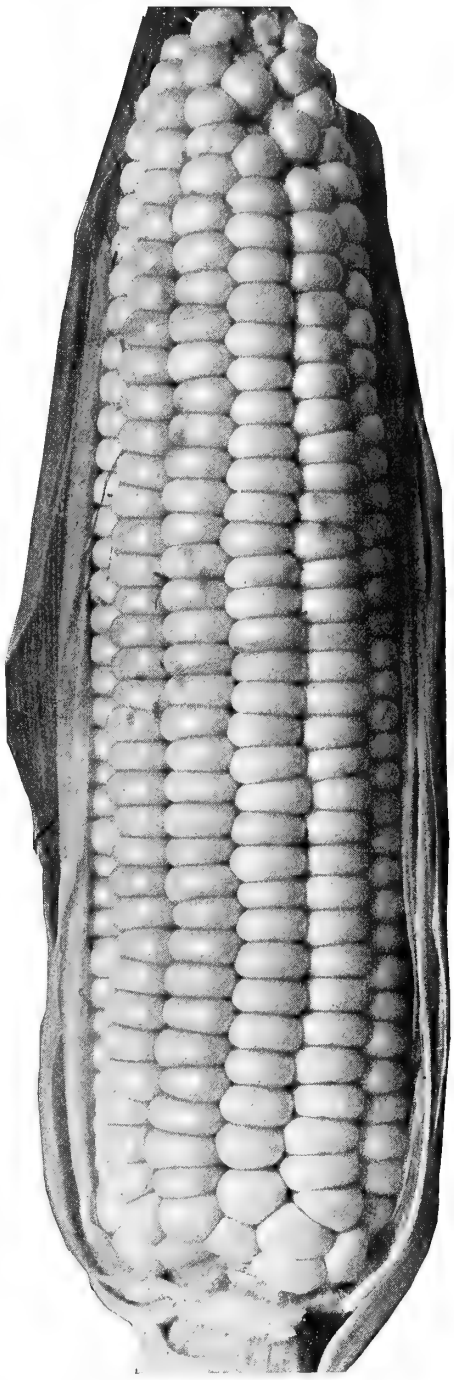
Late Mammoth. A late variety with exceptionally large ears from 10 to 12 inches long; kernels snowy white, plump, sweet and tender. Stalks heavy leaved. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

Black Mexican. A second-early Sweet Corn with bluish black grains when ripe. In the eating stage, before the kernels begin to show any color, it is of superlative quality. Ears 7 to 8 inches long. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.

Pop-Corn, White Rice. A very productive variety of excellent quality. The pearly white kernels pop out crisp and delicious. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; 2 qts. 60 cts.; 4 qts. $1.10. Postpaid.

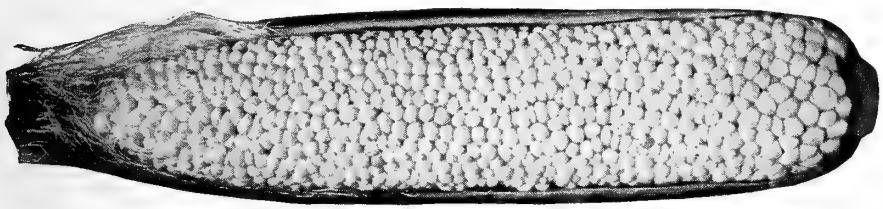
For Earworm on Sugar Corn

When the silk is forming, dust with a mixture of 3 parts of Lime to 1 part Arsenate of Lead.



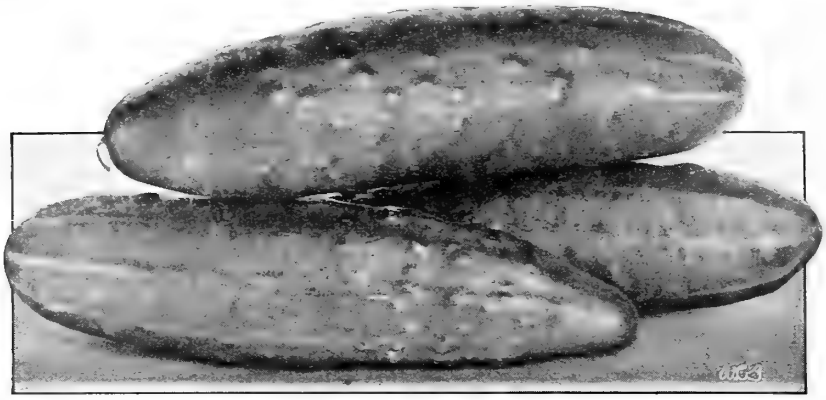
Beckert's Golden Evergreen

This splendid variety, which was introduced by us in 1917, has filled a long-felt want for a large-eared, yellow variety, with the true Bantam flavor. Only a week later than Golden Bantam, the ears are 8 to 10 inches in length with 12 to 14 rows of deep sugary grains. Golden Evergreen is especially suited for the home and market gardener. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60. Postpaid.



Golden Colonel Corn

For a fall supply of Endive, sow during late June or in July



Longfellow Cucumbers

Choice Cucumbers

GURKE (*Ger.*) CETRIOLA (*Ital.*)

FOR SALADS—SLICING—PICKLES

One ounce of seed will plant 50 hills; 2 pounds an acre.

Sow the middle to end of May in hills 3 feet apart, 6 to 8 seeds to a hill, covering them ½ inch deep. As soon as seedlings appear, dust or spray with a reliable commercial insecticide to combat the damaging Striped Cucumber Beetle. When plants have reached a height of 4 to 5 inches, thin out, leaving only 3 of the strongest plants to the hill.

Longfellow. A remarkably fine variety producing long, slender, dark green Cucumbers that are at their best when 10 inches long. A good shipper. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts. Postpaid.

Earliest of All. The earliest and most prolific white-spine variety. Fruits grow 7 inches long, with blunt ends; color dark green. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts. Postpaid.

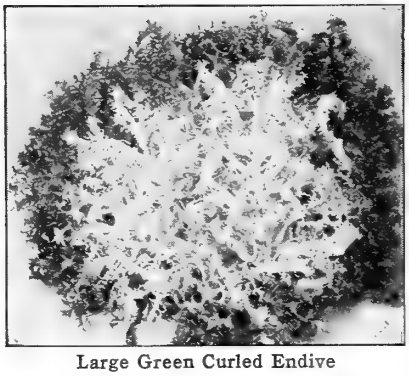
Arlington or **Improved White Spine.** Very early, producing bright green fruits 7 inches long. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts. Postpaid.

Clark's Special. An excellent variety for shipping and market gardeners. Fruits are dark green, slightly tapered at both ends, with crisp, firm flesh. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts. Postpaid.

Davis Perfect. Fruits long and slim, tapering at both ends, glossy green in color. Very early and a good forcer. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts. Postpaid.

Henderson's White Spine. A heavy-bearing main-crop sort. Fruits 8 inches long, thick, and square-ended. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts. Postpaid.

Fordhook Famous. The largest of the white spines—14 inches long, dark green in color. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts. Postpaid.



Large Green Curled Endive

Choice Cucumbers, continued

Extra-Long or **Evergreen White Spine.** A good home- or market-garden variety. Fruits 10 to 12 inches long and 2½ inches thick. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts. Postpaid.

Improved Long Green. A black-spine variety, excellent for slicing. Fruits 12 inches long, deep green. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts. Postpaid.

Japanese Climbing. Fruits almost straight, from 12 to 16 inches long; skin dark green; flesh thick. A useful variety as it can be trained on walls or trellises. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts. Postpaid.

Pickling Varieties

National Pickling. A highly desirable pickling strain developed at the Michigan Agricultural College. Fruits weigh 1½ pounds, are dark green, with strictly square ends. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts. Postpaid.

Snow's Perfection. The best-formed and most productive pickling sort. Early. Small, square-ended and dark green. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts. Postpaid.

Everbearing. One of the best producers. If picked regularly, vines will bear a long time. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts. Postpaid.

Jersey Pickling. Wonderfully productive. Small, deep green, uniform in size. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts. Postpaid.

West India Gherkin. Small, rough, prickly fruits, used for pickling. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts. Postpaid.

English Forcing Cucumbers

These varieties are grown in hotbeds or houses where the temperature does not fall below 65 degrees at night. The handsome fruits frequently grow 20 to 30 inches long.

Improved Telegraph. Pkt. (10 seeds) 25 cts.; 100 seeds $2.25. Postpaid.

Lockie's Perfection. Pkt. (10 seeds) 25 cts.; 100 seeds $2.25. Postpaid.

Endive for Salads

ENDIVIE (*Ger.*) INDIVIA (*Ital.*)

One ounce of seed will sow 200 feet of row.

Satisfying and wholesome for fall and winter salads. Sow in April for early, and in June and July for late crop. Thin out or transplant to stand 12 to 14 inches apart. When full grown, tie outside leaves over heart of plant to bleach; flavor is improved by frost.

Large Green Curled (Green Ribbed). A great favorite. The nicely curled leaves are crisp and tender when blanched; somewhat earlier than other sorts. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Pancalier (Pink Ribbed). A strong grower with heavy curled deep green leaves that blanch easily. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Giant Fringed (Pink Ribbed). A strong-growing variety with broad stems and large white hearts. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Broad-leaved Batavian Fullheart (Escarolle). The broad, thick leaves make excellent salads when blanched. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Eggplant

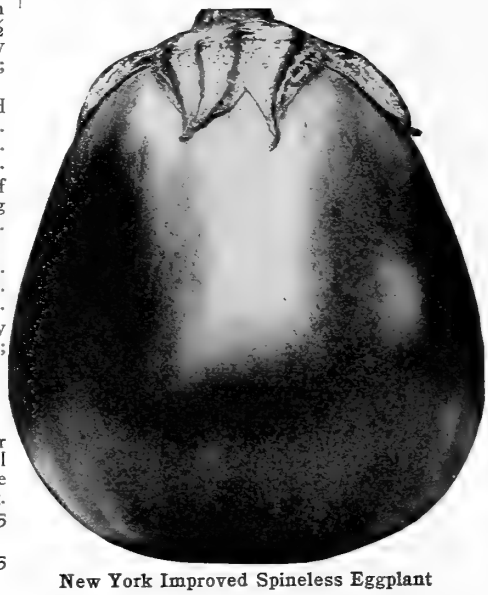
EIRPFLANZE (*Ger.*) PETONCIANO (*Ital.*)

One ounce of seed will produce 1000 plants.

Sow seed in early spring in flat or hotbed. Transplant or pot them in 2½-inch pots and ventilate to harden to outside weather conditions. When all danger of frost is past, plant in rows to stand 30 inches apart each way. Rich soil is necessary to grow good Eggplants.

Black Beauty. Fruit broad and thick, lustrous purplish black, of excellent quality. Very productive. Pkt. 10 cts.; ½oz. 40 cts.; oz. 75 cts.; ¼lb. $2.00. Postpaid.

New York Improved Spineless. A strong and productive sort. Fruits deep purple, large, smooth, free from thorns; flesh white, tender. Pkt. 10 cts.; ½oz. 40 cts.; oz. 75 cts.; ¼lb. $2.00. Postpaid.



New York Improved Spineless Eggplant

For quick-growing Lettuce, apply Nitrate of Soda to the soil

Leaf and Heading Lettuce

GARTEN SALAT (*Ger.*) LATTUGA (*Ital.*)

One ounce of seed will sow 150 feet of row.

For the earliest crop, sow the Loose-Leaf and Early Butterhead varieties indoors or in hotbeds about March 1. When 3 inches high, transplant to stand 3 to 4 inches apart and harden off preparatory to setting plants in the open about the middle of April, spacing them 6 inches apart.

The Loose-Leaf and Early Butterhead varieties can also be sown directly outdoors about April 15 and followed, May 1, with sowings of the Late Butterheads and Crisphead sorts, which sowing can be repeated July 1 on the two last named.

Beckert's Golden Curled Lettuce

Loose-Leaf Varieties

Beckert's Golden Curled. The best Lettuce in its class for spring and early summer crops. It grows rapidly and forms immense, loose heads of tender curled leaves. Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1.00. Postpaid.

Black-seeded Simpson. A rapid grower with fringed and crumpled light yellowish green leaves. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Early Curled Simpson. A home-garden favorite. Produces broad, light green leaves, fringed and crumpled. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Grand Rapids Forcing. A leader in its class for forcing or extra-early outdoor gardening. Forms large, loose bunches of thin, bright green leaves, crumpled and fringed. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Crisphead Sorts

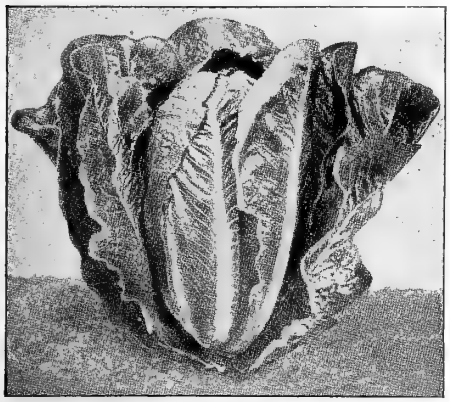
Because of their heat resistance, they are the ideal summer Lettuce. See sowing dates above.

Iceberg. The earliest and largest header of its class; crisp and tender. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts. Postpaid.

Hanson. Reliable under all conditions. Large heads with silvery light green leaves. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

New York or **Wonderful.** Grown in enormous quantities for market. Large heads, requiring about 80 days to mature. Deep green with white hearts. Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1.00. Postpaid.

New York Lettuce



Cos Lettuce

Romaine or Cos Lettuce

Also known as Celery Lettuce and Romaine Salad. Loose heads of long, narrow leaves which are blanched by tying them together on the top.

Trianon or **Paris White Folding.** A very heat-resistant variety of long sugar-loaf shaped heads. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Butterhead Sorts

May King. For early outdoors or forcing. Heads of medium size, yellowish green, with rich golden heart. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

White Boston. Forms large, solid heads of light green which blanches to a buttery creamy yellow. Considered one of the best for coldframe forcing and outdoors. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts. Postpaid.

All-Heart. Not only is this variety a splendid spring Lettuce, but its resistance to heat makes it valuable as a midseason grower. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Crisp-as-Ice. Valuable for late fall because of its frost resistance. Medium-sized, crisp, deep green heads with yellow hearts. Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1.00. Ppd.

All Seasons. A most reliable midsummer Butterhead. Large, crisp heads with yellow hearts. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Mammoth Black-seeded Butter. An excellent heat-resistant midseason Lettuce. Produces enormous crisp and tender heads. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

TWO HOURS PARKING PERMITTED ON FEDERAL STREET

Kale or Borecole

KRAUS KOHL (*Ger.*) CAVOLO RICCIO (*Ital.*)

One ounce of seed will sow 200 feet of row.

Excellent hardy greens. For use in fall, sow in May; for early spring use, sow in August and protect over winter.

Dwarf Green Curled Scotch. Leaves bright green, tender, and very curled. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Dwarf Blue Curled Scotch. Hardy and compact, with plume-like leaves of an outstanding bluish green color and of fine flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Dwarf Green Siberian. Very hardy. Generally sown broadcast or can be sown in drills in August to stand 1 foot apart. Leaves scalloped along edges. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts. Postpaid.

Dwarf Blue Siberian Curled. This type is considerably more curled than Green Siberian and is of a darker bluish green cast. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts. Postpaid.

Siberian Kale

Reduce winter's living cost by sowing Kohlrabi in early August

Delicious Muskmelon

(Cantaloupe)

MUSCAT MELONE (*Ger.*) POPONE MELONE (*Ital.*)

One ounce of seed will plant about 50 hills.

Sow seed the end of May, in hills 5 feet apart, 6 to 8 seeds to a hill. When seedlings appear, spray with Pyrox to combat blight and also leaf-eating beetles. When large enough, thin out to stand 3 plants to a hill.

Extra-Early Knight. A splendid early Melon of the highest quality, maturing in 90 days. Fruits about 6 inches long by 4 inches through, with small seed-cavity and thick green flesh. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Netted Gem. A prolific variety. Small, oblong fruits and light green flesh. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Gold-lined Rocky Ford. Select strain. Small, uniform, spherical fruits. Meat thick, sweet, green with golden salmon lining. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Bender's Surprise. The flesh is sweet and deep orange in color. Fruits large and oval, often weighing from 10 to 15 pounds. An excellent keeper. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Honey Dew. A distinct Casaba type. Will average 8 pounds in weight and 7 inches in diameter. Light green, honey-sweet flesh. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Emerald Gem. Extra early. Slightly flattened; flesh deep salmon-orange. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

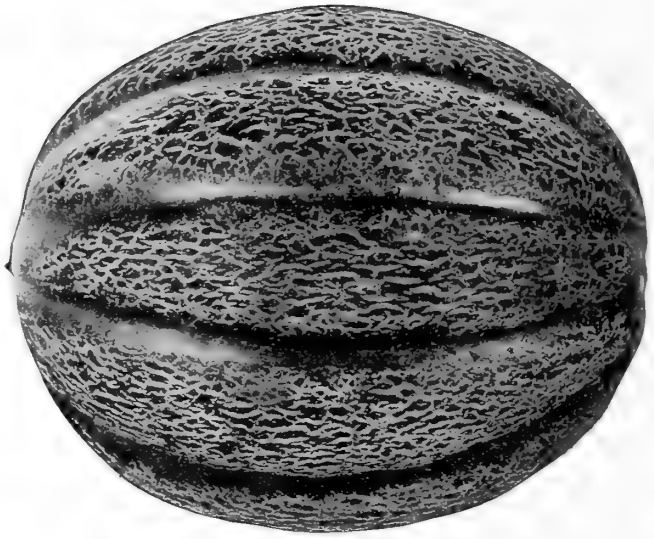
Extra-Early Osage. The fruits are oval and dark green. Flesh is rich orange and of highest quality. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Hearts of Gold. Larger than Rocky Ford. The rich golden flesh has a most excellent flavor. Distinct ribs and heavily netted. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Tip-Top. A large-fruited variety with firm salmon-colored flesh of delicious flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Golden Champlain. One of the earliest and most productive, with deep golden flesh. Fruits of medium size, well netted, and nearly spherical. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

American Flag Leeks



Extra-Early Knight Muskmelon

Honey Rock or **Sugar Rock.** Fruits nearly round, medium size, with coarsely netted gray-green skin. Flesh thick, juicy, orange-salmon, with fine flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Watermelon

WASSER MELONE (*Ger.*) MELONE D'AQUA (*Ital.*)

One ounce of seed will plant about 30 hills.

Kleckley Sweets. The most popular, oblong, main-crop Watermelon. Fruits are about 20 inches long and 10 inches in diameter. Flesh bright scarlet and remarkably sweet. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Halbert Honey. Resembles Kleckley Sweets in size, appearance, and quality, but is hardier and a better shipper. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Tom Watson. Large, long fruits with rich red, sweet, tender flesh. A standard shipping Melon. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Peerless or **Ice Cream.** A productive all-purpose Melon. Flesh bright red, crisp, and tender. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Early Fordhook. The earliest of the really large Watermelons, and the best home-garden variety for this latitude. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Red-seeded Citron. Used for preserves, etc. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Leeks

LAUCH (*Ger.*) PORRO (*Ital.*)

One ounce of seed will sow 100 feet of row

The white stalks, boiled and served with a good dressing, make a delicious salad. Sow in rows 12 to 15 inches apart in early spring. Thin out to stand 4 to 6 inches apart in the rows.

American Flag. The variety most extensively cultivated. Stalks early and large. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Large Carentan. Stalks thick, short, and mild-flavored. Hardy. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Kohlrabi

Turnip-Rooted Cabbage

KOHL-RABI (*Ger.*) CAVOLA-RAPPA (*Ital.*)

One ounce of seed will plant 250 feet of row.

For early crop, sow in April and May, in rows 18 inches apart. Transplant to stand 4 to 6 inches. For late crop, sow in July and early August.

Extra-Early White Vienna. Very early variety with delicately flavored white flesh. Also a good forcing strain. Pkt. 10c.; ½oz. 20c.; oz. 35c.; ¼lb. $1.00. Postpaid.

Early Purple Vienna. Bluish purple roots; flesh white and tender. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Extra-Early White Vienna Kohlrabi

Mustard

SENF (*Ger.*) MOSTARDA (*Ital.*)

One ounce of seed will plant 75 feet of row.

The young and tender leaves of the Mustard are greatly relished to give piquancy to salads, or cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in the spring.

Perfection Plume. Finely curled, dark green leaves of the very best quality. Rather dwarf in growth. Prolific and long standing. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts. Postpaid.

Long-standing Thick-Leaf or **Elephant Ear.** A strong-growing variety, producing extra-large leaves of a most appetizing pungency. May be sown either in early spring, or in late summer for a fall crop. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts. Postpaid.

Giant Southern Curled. A popular sort for greens. Leaves long and wide, light green, tinged with yellow; heavily crumpled and curled at the edges. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts. Postpaid.

White London. A rapid grower which quickly goes to seed. The light yellow seeds are used for ground Mustard. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts. Postpaid.

Pumpkin

GROSSE KURBIS (*Ger.*) ZUCCA (*Ital.*)

One ounce of seed will plant 25 hills.

Some of the Pumpkin varieties are so sweet, juicy, and fine-grained that they are considered indispensable for pies and sauces, while other varieties are grown principally for stock-feeding. Culture the same as recommended for melons.

Small Sugar. The favorite pie variety; 10 to 12 inches in diameter. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

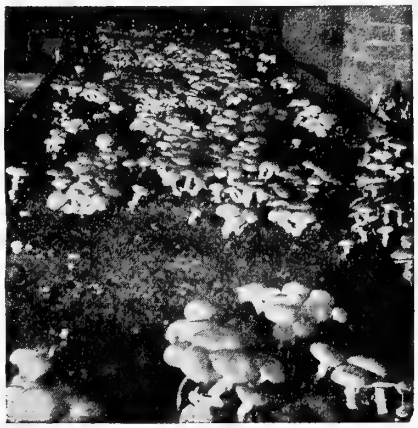
Winter Luxury or **Pie Squash.** Round; golden yellow. The highest quality for home cooking. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Mammoth Golden Cushaw. One of the large Crookneck varieties. Flesh thick, extra fine. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Mammoth King. The largest Pumpkin grown, often attaining a weight of 75 to 100 pounds. Skin golden yellow. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Large Cheese. Large, somewhat flattened, with creamy yellow flesh. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Connecticut Field. The common Field Pumpkin, largely grown with corn for feeding of stock. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.



Delicious Mushrooms

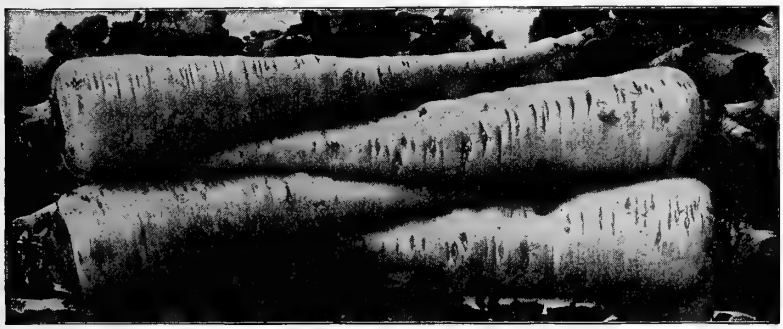
Mushroom Spawn

SCHWAMM (*Ger.*) PRUNGO (*Ital.*)

Pamphlet on Mushroom Culture Free

Pure-Culture Brick Spawn. White, Cream, and Light Brown, in bricks weighing 1¼ to 1½ pounds each. Each brick will spawn 8 square feet of bed. Brick 30 cts.; postpaid 40 cts. 10 bricks $2.50; postpaid $2.75. 100 bricks $20.00.

Pure-Culture Bottle Spawn. White, Cream and Light Brown. This Spawn is very perishable and can be kept only in cold storage. Orders filled direct, f.o.b. factory. Qt. bottle $1.25.



Hollow-Crown Parsnips

Parsnips of Flavor

PASTINAKE (*Ger.*) PASTINACI (*Ital.*)

One ounce of seed will plant 150 feet of row.

Sow seed in April, in rows 18 inches apart. Thin seedlings out to stand 5 to 6 inches in the row. The flavor of the roots is improved by frost.

Long Smooth Hollow-Crown. Always good and in demand. Smooth, creamy white roots, broad shouldered, 10 to 12 inches long, tender and sweet. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts. Postpaid.

Horse-Radish Roots

Maliner Kren. An improved variety that is free from disease, grows quickly, and produces roots of enormous size. Doz. 50 cts.; 100 $2.25; 1000 $15.00. Postpaid.

Parking Facilities Good on Federal Street

TWO HOURS PARKING PERMITTED

Parsley

PETERSILIE (*Ger.*) PREZZEMOLO (*Ital.*)

One ounce of seed will plant 150 feet of row.

Largely used for flavoring soups and stews, and for garnishing. The seeds germinate very slowly and should be sown early in spring in rows 15 inches apart; thin plants out to stand 4 inches apart in rows. Pot a few roots in the fall, and place in a sunny kitchen window.

Champion Moss Curled. Leaves dark green, finely cut, and closely curled. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts. Postpaid.

Dwarf Extra Curled. Dwarf, finely curled leaves; much used for garnishing. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts. Postpaid.

Plain-leaved. Flat, dark green leaves, deeply cut but not curled. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts. Postpaid.

Hamburg, Short-rooted. Grown for its elongated turnip-shaped roots which are used in soups and stews. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts. Postpaid.

Hamburg, Long-rooted. Roots long and slender. Matures late and grows to large size. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts. Postpaid.

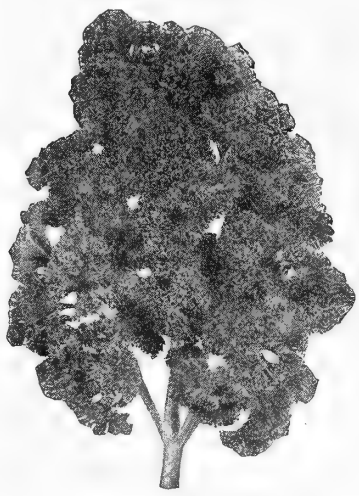
Okra or Gumbo

OCHER (*Ger.*) OCRA (*Ital.*)

Grown for the highly flavored pods which are used, when 3 to 4 inches long for flavoring soups and stews. Sow the middle of May, in rows 3 feet apart; thin plants to stand 1 foot apart in the rows.

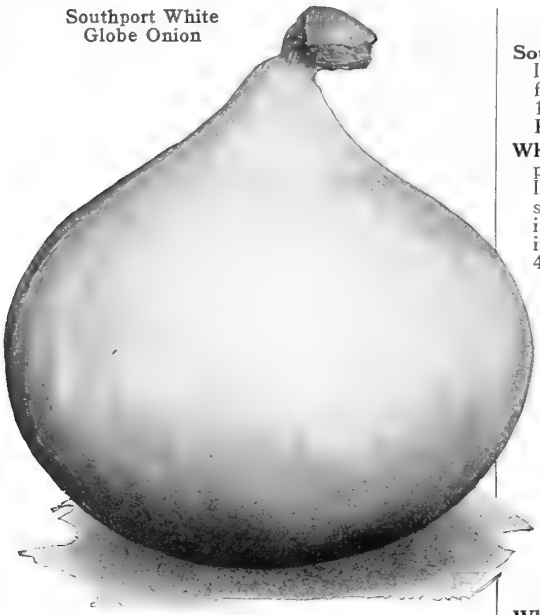
White Velvet or **Creole.** Long, smooth, tender pods, almost white. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts. Postpaid.

Long Green-Pod. Strong-growing and productive. Pods deep green. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts. Postpaid.



Moss Curled Parsley

Onions will be benefited by a top-dressing of Hardwood Ashes



Southport White Globe Onion

Choice Onion Seed

ZWIEBEL (*Ger.*) CIPOLLA (*Ital.*)

One ounce of seed will plant 100 feet of row.

Sow seed in early spring, thinly in rows 12 to 16 inches apart. As soon as seedlings are 3 to 4 inches high, thin out to stand 3 to 4 inches apart in row. Frequent cultivation, as well as liberal fertilization, is essential to growing good Onions.

Yellow Onions

Yellow Globe Danvers. The most widely grown sort. Handsome globe-shaped bulbs with thin yellow skin and mild, fine-grained flesh. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.25. Postpaid.

Southport Yellow Globe. A rapid grower, producing large, showy, globular bulbs. Skin straw-yellow; flesh white and of good quality. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.25. Postpaid.

Prizetaker. An American strain of the Giant Spanish Onion. Rich yellow skin and mild, sweet, white flesh. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.25. Postpaid.

Ailsa Craig. The famous exhibition Onion of England. Its elongated, globe-shaped bulb attains enormous size. Pkt. 15 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50. Postpaid.

Flat Yellow Danvers. Round, flat bulbs, growing to good size and ripening early. Mild in flavor and a good keeper. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.10. Postpaid.

Red Onion

Southport Red Globe. The finest of the Red Onions. Bulbs perfectly round, of good size, with deep purplish red skin; flesh white, tinged with pink. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.25. Postpaid.

White Onions

Southport White Globe. Handsome, large, solid Onion of perfect globe shape; flesh fine grained, white and mild. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50. Postpaid.

White Portugal or **Silverskin.** An all-purpose variety, excellent for sets, pickling, or green bunching; also good for storing. Matures about 75 days after sowing. The bulbs are of medium size and flat in shape. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.25. Postpaid.

White Bunch. A rapid grower with long white stems; used almost exclusively for green bunching. Remains mild and tender for a long time. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.25. Postpaid.

Onion Sets

EXTRA-SELECTED STOCK

(Prices variable)

One quart will plant 50 feet of row.

For those tender and mild green Onions in the home-garden, plant Sets at intervals in early spring. Plant them thick in the rows and cover the Sets about 1 inch.

White. Qt. 20 cts.; pk. $1.50.

Yellow. Qt. 20 cts.; pk. $1.25.

Write for prices on larger quantities

Onion Sets

Insure Your Potato Crop With Semesan Bel

New Improved Semesan Bel. Controls seed-borne diseases and scab and protects the cut tubers from rotting, which insures maximum yield. Easily and quickly applied. Mix one pound with 7½ gallons of water, dip seed potatoes, drain and plant. 4 ozs. 50 cts.; lb. $1.65; 5 lbs. $7.00; 25 lbs. $31.25.

Semesan. Destroys diseases on seed and in the soil Sprinkling the seedling beds with Semesan solution effectively prevents damping-off. Recommended for vegetable and flower seeds, bulbs, and brown patch on lawns. Directions in every can. 2 ozs. 50 cts.; lb. $2.50; 5 lbs. $11.75; 25 lbs. $46.25.

Seed Potatoes

KARTOFFEL (*Ger.*) PATATA (*Ital.*)

PURE STRAIN

One peck will plant 100 hills; 10 bushels, an acre.

Please write for latest prices

Irish Cobbler. Extra-early, heavy yielder and a grand early Potato of medium size. Its size, shape, good quality, and clean appearance have made it one of the most popular of the early Potatoes.

Early Ohio. Good for the family garden or market. Round to oblong, with pinkish skin and white flesh.

Early Rose. This pink-skinned variety is noted for its earliness. Long and of good size. Cooks pure white and mealy.

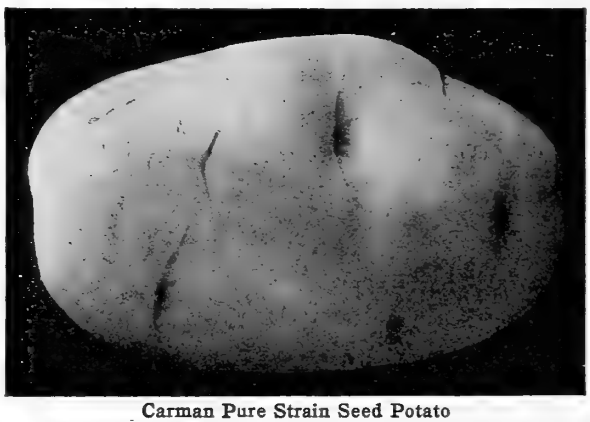
Russet. Considered the best late Potato today and as near blight-proof as a Potato can be. The tubers are round to oblong and of good size. Flesh is pure white and the skin has a rough, russet appearance.

Green Mountain. A fine late Potato; white skinned, smooth, flat, and oval in form. Ripens slowly and is a good keeper. This variety has grown in popularity and is one of the leaders for general crop.

Carman No. 3. Round white late Potato of the Rural type and closely resembling it in yield and quality.

CULTIVATOR FOR POTATOES

No. 100A - $3.75



Carman Pure Strain Seed Potato

Peas of Superlative Quality

ERBSEN (*Ger.*) PISELLO (*Ital.*)

Two pounds of seed will plant 100 feet of row.

For a constant supply of Peas, sow the Smooth-seeded sorts early in the spring; in early April sow the Early Wrinkled and Main-Crop varieties; about August 1, sow the Early Wrinkled sorts for fall crop. Sow seed 2 to 3 inches deep in rows 2 to 3 feet apart.

Early Wrinkled Peas

For a continuous crop, plant every 10 days from early April to June 1. Varieties that make vines over 2 feet high should be supported by brush or trellis.

World's Record. The earliest strain of the well-known Gradus or Prosperity Peas. Pods 3½ inches long and contain 7 to 9 plump Peas of superb quality. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

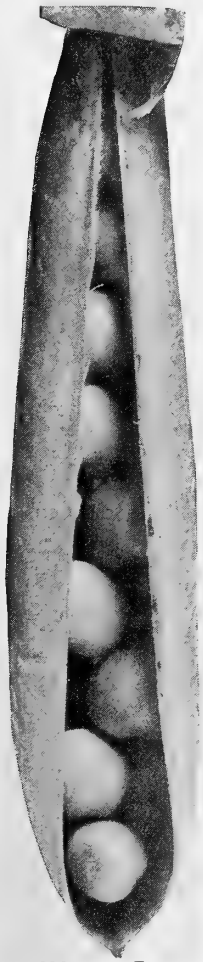
Little Marvel. A splendid dwarf early Pea. Vines 15 inches tall and bear large pods 3½ inches long filled with sweet, dark green Peas. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Laxtonian. The largest podded of the early dwarf varieties. Matures about one week later than World's Record. Vines about 18 inches high and require no support. The broad pods are 4 inches long, filled with large Peas of superb quality. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Sutton's Excelsior. Fine dwarf Pea following immediately after Laxtonian and a trifle more vigorous in growth. Pods are 3½ inches long and contain 7 to 8 bright green Peas. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

President Wilson. A splendid, half-dwarf, second-early which requires no support. Pods are dark green, 4½ to 5 inches long, and contain about 8 large Peas of unsurpassed flavor. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Gradus or **Extra-Early Telephone.** An early, dependable, productive variety of delicious flavor. Vines 3 feet tall; needs support. Pods about 4 inches long and well filled. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.



Alderman Pea

Thomas Laxton. A genuine quality Pea. Closely resembles Gradus in season and productiveness. Especially recommended for home-gardens. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Blue Bantam. One of the best large-podded dwarf sorts. Vines 15 inches high, bearing well-filled pods of 7 or 8 succulent Peas. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Main-Crop or Late Varieties

These bear later than the Early Wrinkled class, but yield larger crops of bigger pods, have a longer bearing season, and are unsurpassed in quality and flavor.

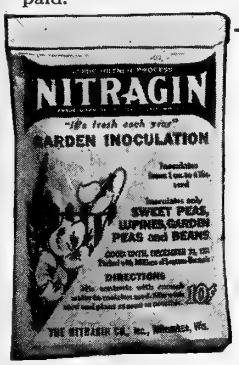
Potlatch. A fine, dwarf, large-podded Pea. Vines strong and vigorous, 2 feet tall. Pods 5 inches long and very broad, containing 8 to 10 large Peas of unexcelled quality. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25. Postpaid.

Improved Telephone. Standard midseason variety of the highest quality. Vines 4 to 5 feet high, well filled with pods containing 8 to 10 Peas of the finest flavor. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Alderman. The best of the tall, late sorts for home and market garden. A heavy bearer of plump, straight pods containing 8 to 10 Peas of large size and unexcelled flavor. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

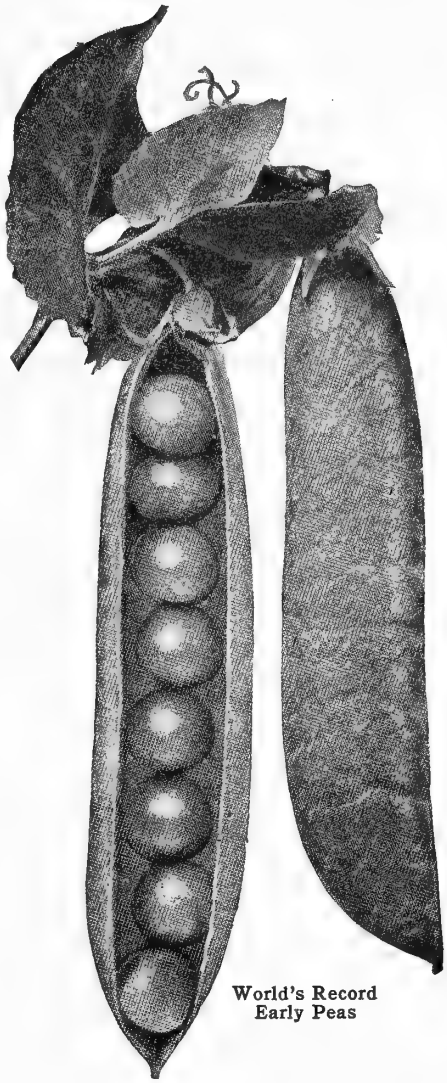
Mammoth-podded Sugar. A tall-growing, edible-podded variety in which the entire pod is cooked the same way as snap beans. A heavy producer of large, tender pods 5 to 6 inches long and 1½ inches wide. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; 2 qts. $1.40; 4 qts. $2.60. Postpaid.

White Marrowfat. Very productive, late variety for the home-garden. Suitable for dry use and grown principally for that purpose. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.



INOCULATE PEAS

Garden Peas require large quantities of Nitragin. Insufficient amounts of this necessary element often result in poor stands. Inoculating increases and releases dormant, but unavailable, nitrogen in your soil, a quicker and more vigorous stand of Peas being the result. For Inoculants, see page 61.



World's Record Early Peas

Extra-Early Smooth-seeded Peas

Earlier and hardier than the Wrinkled Peas and can be sown 10 to 14 days sooner. Their flavor, however, is not equal to that of the Wrinkled Peas. As their season of bearing is short, supplement your sowings of the smooth-seeded sorts with both early and late wrinkled varieties, for a continued supply.

First and Best. An extra-early, productive variety. Grows 30 inches high and bears short, well-filled pods. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

Alaska. A select strain for early market and canning. Bears a large crop of small but well-filled pods which are usually gathered at one picking. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00. Postpaid.

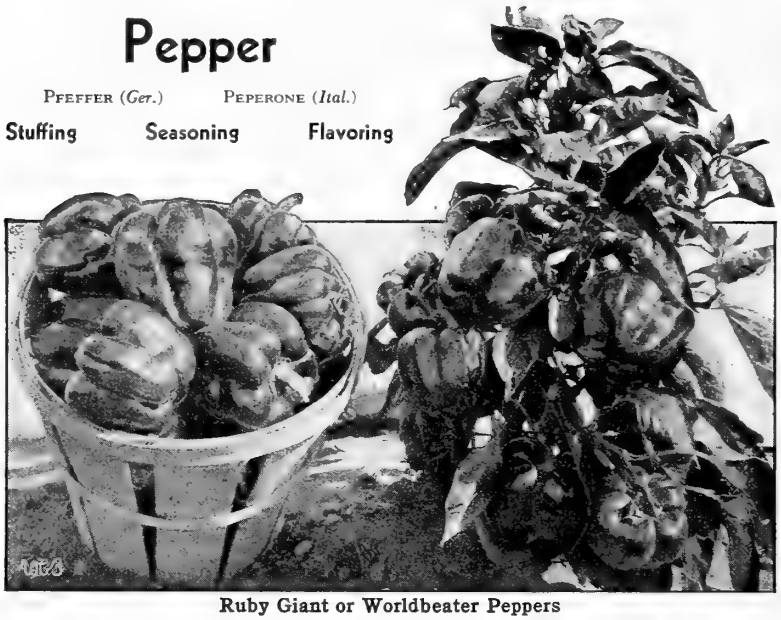
NITROGEN—A VALUABLE PLANT-FOOD

NITROGEN is the plant-food most needed by the average soil, as in combination with other elements it forms new cells and tissues on growing plants and promotes a quick, dark green foliage. It becomes quickly available to the plant-life when used in the form of Nitrate of Soda or Sulphate of Ammonia, offered on page 60.

Pepper

PFEFFER (*Ger.*) PEPERONE (*Ital.*)

Stuffing Seasoning Flavoring



Ruby Giant or Worldbeater Peppers

Sow the middle of March, in flats or hotbeds, and transplant when 2 inches high, after which ventilate to accustom plants to outside conditions. Plant outside when all danger of frost is past, in rows 2½ feet apart, spacing plants 2 feet in the rows.

One ounce of seed will produce about 1000 plants.

Ruby Giant or **Worldbeater.** A symmetrical, four-lobed Pepper, 4 to 5 inches long, and slightly tapered. Heavy producer of fruits with thick, mild flesh. Deep green when young and bright red when ripe. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.25. Postpaid.

California Wonder. This Pepper combines the fine qualities of the Pimiento and the size of Crimson Giant, with a thickness of flesh heretofore unknown in any Pepper. The plants are very productive and the fruits crisp and sweet. Pkt. 10 cts.; ½oz. 40 cts.; oz. 75 cts.; ¼lb. $1.75. Postpaid.

Chinese Giant. A real giant of the Pepper family, with thick, fleshy fruits, bright red in color and very mild and sweet in flavor. Pkt. 10 cts.; ½oz. 40 cts.; oz. 75 cts.; ¼lb. $1.75. Postpaid.

Crimson Beauty Pimiento. The sweetest of all Sweet Peppers, without any trace of pungency. The fruits are of good size, heart-shaped, and smooth. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.25. Postpaid.

Crimson Giant. Said to have been developed from a cross between Chinese Giant and Bull Nose. Early and, like Bull Nose, very prolific; deep green, ripening to bright crimson. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.25. Postpaid.

Harris Early Giant. Large and early fruits 5 inches high and 3½ inches through, deep green, turning to red, sweet and pleasant. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.50. Postpaid.

Ruby King. Following closely after Neapolitan, Ruby King produces a fine crop of large Sweet Peppers. The flesh is thick, sweet and mild. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.25. Postpaid.

Early Neapolitan. The earliest of the large-fruited sorts, and a heavy producer of three-lobed, mild, sweet fruits. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.25. Postpaid.

Bull Nose or **Large Bell.** A widely grown, standard variety for market. Extremely prolific. Fruits of good size, very thick and blocky; flesh usually sweet, but becomes very hot in dry seasons. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.25. Postpaid.

Anaheim Giant Chili. Seven to 9 inches in length and from 1 to 1¼ inches thick, tapering to a blunt point. Brilliant scarlet. This Pepper is pungent, although not quite as hot as Long Red Cayenne. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.40. Postpaid.

Oshkosh. Large, smooth, heart-shaped fruits, deep shiny green when growing, ripening to a bright canary-yellow. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.25. Postpaid.

Hungarian Long Hot Banana. Pale green, very solid, about 6 inches long and 2 inches thick, turning waxy yellow and finally red when ripe. Grown by all large market growers especially for the Italian trade. Pkt. 10 cts.; ½oz. 40 cts.; oz. 75 cts.; ¼lb. $1.75. Postpaid.

Long Red Cayenne. Pods 4 to 6 inches long, bright red and very hot. Prolific. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.40. Postpaid.

Small Red Chili. Pods 2 inches long, conical, scarlet, very pungent. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.40. Postpaid.

Red Squash. Prolific. Small, round, thick-fleshed, sweet pods. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.25. Postpaid.

Pruning Shears
No. 1537. 85 cts.

Phone Orders Receive Careful Attention
PHONE: FAIRFAX 4210-11

Crisp, Tasty Radishes

REDIESCHEN (*Ger.*) RAVENELLA (*Ital.*)

One ounce of seed will plant 100 feet of row.

The quickest maturing and earliest vegetable we may enjoy from our garden-patch, and one that we may have, with repeated sowings, on our table from spring to fall. Early in April, or as soon as the soil becomes workable, and up to the middle of May, sow the Early Round and Early Olive-shaped varieties; they will mature in 4 to 5 weeks. Follow these up by the first of May with the Early Long varieties, and 4 weeks later sow the varieties that are listed for summer use. Throughout July and early August sow the winter varieties, thus insuring a continuous supply of fresh, crisp Radishes for your garden year.

Early Round Radishes

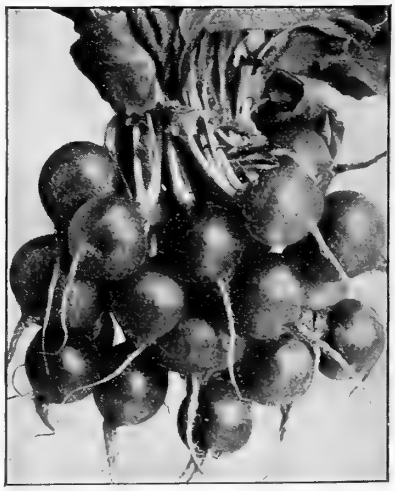
Saxa or **Rapid Red.** The earliest of the early round Radishes, producing bright scarlet, perfect globe-shaped roots of uniform size with small tops. Will crop in 21 days when forced, or in 25 days outdoors. Excellent for muck soil. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Early Scarlet Globe. Our selected strain of Scarlet Globe is very uniform in size, producing handsome, elongated, globe-shaped roots with small tap-roots. Matures in 30 to 35 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Sparkler. An attractive variety, extensively used by truckers and home gardeners. The roots are nearly round, smooth, and with short tap-root; carmine-red with bottom pure white; flesh crisp and mild. Our strain is unexcelled. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Crimson Giant. Maturing in about the same time as Early Scarlet Globe, this Radish produces roots nearly twice the size, of perfect globe shape, with white flesh and deep red skin. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Spray to protect your Vegetables from insects and fungus. See page 58



Scarlet Globe Selected Radishes

Beckert's Emerald Spinach for early spring and late fall

Beckert's Improved Chartier Radishes

RADISHES, continued

Early Olive-shaped Sorts

French Breakfast. Roots oblong, blunt, 1½ inches long; upper portion rosy scarlet, lower portion pure white, with slender white tip. Well adapted for the open ground or under glass. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Scarlet Olive-shaped. Early. Bright scarlet; olive-shaped. Sometimes used for forcing. The flesh is white, crisp, and tender. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

A complete list of High-Grade Tools for garden operation will be found on pages 52 and 53.

Early Long Radishes

Icicle. Conceded by all to be the best early long white Radish. The tender roots are 5 to 7 inches long and especially mild and crisp. Sow seed in succession every 10 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Ppd.

Cincinnati Market. The bright scarlet roots are slender, 6 to 7 inches long, with small tops. Flesh crisp, brittle, and of fine flavor. One of the best of the early long varieties. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Summer Radishes

Beckert's Improved Chartier. This fine Radish was introduced on the market by our firm in 1891 and has long been a favorite with the trucker and home gardener. The rosy scarlet roots are 7 to 8 inches long and 1 inch thick, shading to white at the tip; flesh mild and crisp. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

White Strasburg. Half-long and thick; skin and flesh white, firm, crisp, and of mild flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Giant Stuttgart. Very large, globular, pure white roots. Stands heat well. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Winter Radishes

Celestial or **White Chinese.** Attains a length of 6 to 9 inches and a diameter of 4 to 5 inches. Skin and flesh pure white and not so pungent as other winter varieties. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Chinese Rose. Cylindrical, rose-red roots, 5 inches long and 2 inches in diameter, with pronounced stump root. Flesh white, crisp, and mildly pungent. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Long Black Spanish. Roots 8 to 9 inches long, 2 inches in diameter, slightly tapered; skin rough, grayish black. Flesh firm, crisp, and pungent. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Round Black Spanish. Globular roots, 4 inches in diameter; skin rough, black. Flesh white, firm, crisp, and pungent. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Salsify (Oyster Plant)

HAFERWURZEL (*Ger.*) SALSEFIA (*Ital.*)

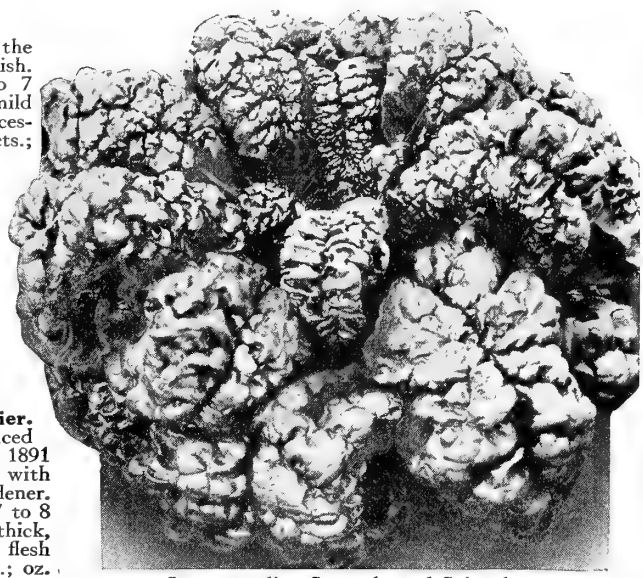
One ounce of seed will plant 50 feet of row.

Mammoth Sandwich Island. An improved variety with roots 6 to 8 inches long. Flavor distinctly oyster-like when boiled, or when fried like fritters. Dig roots in fall and store like carrots. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

SEND US YOUR ORDER EARLY

This Insures Our Customers Having the Seed on Hand When Planting-time Arrives

See Page 64—How to Order



Long-standing Savoy-leaved Spinach

Popular Spinach

SPINAT (*Ger.*) SPINNACCIO (*Ital.*)

One ounce of seed will plant 100 feet of row.

For spring and early summer crop, sow from early April to middle of May, in rows ¾ inch deep and 15 inches apart; for fall and winter use, sow end of August to October; for the midsummer crop, sow New Zealand only after the middle of May. Best results will be had in a well-fertilized soil, using an abundance of water.

Beckert's Emerald. We recommend our special strain for home and market gardeners. The plants are of upright growth, with thick, dark green, crumpled leaves. Excellent for first-early and late fall sowings. Oz. 10 cts.; ¼lb. 25 cts.; lb. 60 cts. Postpaid.

Bloomsdale Savoy, Long-standing. Will stand in fine edible condition 10 to 14 days longer than the regular Bloomsdale. The leaves are heavily crumpled, deep dark green in color. Oz. 10 cts.; ¼lb. 20 cts.; lb. 50 cts. Postpaid.

Bloomsdale Savoy, Reselected. Excellent for early sowing. Leaves dark green, heavy, crumpled, and blistered. Will not stand quite as long as Bloomsdale Long-standing. Oz. 10 cts.; ¼lb. 20 cts.; lb. 50 cts. Postpaid.

King of Denmark. Dark green, somewhat crumpled leaves with long petioles. Fine for second-early planting, as it remains in prime condition a long time. Oz. 10 cts.; ¼lb. 20 cts.; lb. 50 cts. Postpaid.

Juliana. The best second-early to sow, as it stands the warm weather better than Bloomsdale before going to seed. Leaves very dark green, crumpled, rounded, and thick. Oz. 10 cts.; ¼lb. 20 cts.; lb. 50 cts. Postpaid.

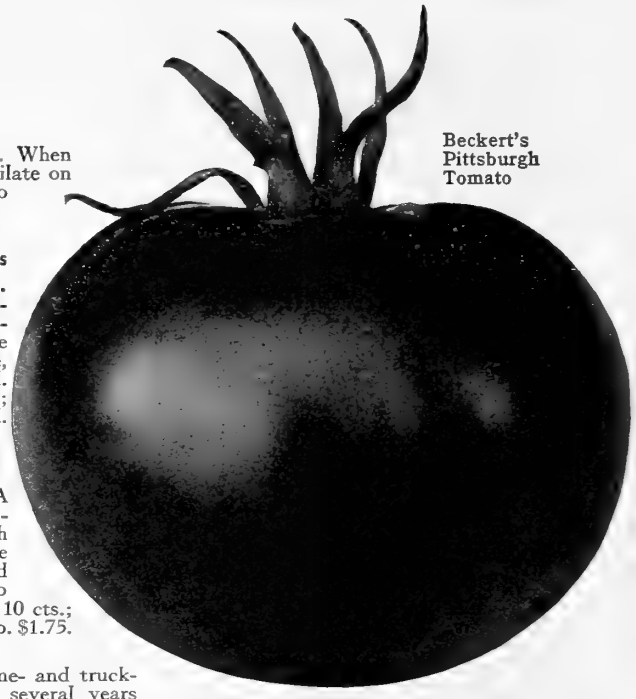
New Zealand. Used as a summer Spinach. Sow seed about May 1, in rows 3 feet apart. Seed germinates irregularly, but once started, the plants grow rapidly. Only the tips are gathered and used. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. 75 cts. Postpaid.

Tomatoes of Quality

LIEBESÄPFEL (*Ger.*) POMO D'ORO (*Ital.*)

One ounce of seed will produce about 2500 plants.

Sow seed in March in hotbed, or in flats placed in a warm, sunny window. When 2 to 3 inches high, transplant to stand 3 to 4 inches apart each way. Ventilate on sunny days to harden plants and to prevent them from growing spindly. Do not set the plants out in the open until all danger of frost is past.



Beckert's Pittsburgh Tomato

Early and Second-Early Sorts

Break o'Day. Early and wilt-resistant. Fruits medium large, globe-shaped, red, and of delicious flavor. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.75. Postpaid.

Sparks' Earliana. Fine early variety. Fruits medium sized, somewhat flattened, globe-shaped, deep scarlet, and firm. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.50. Postpaid.

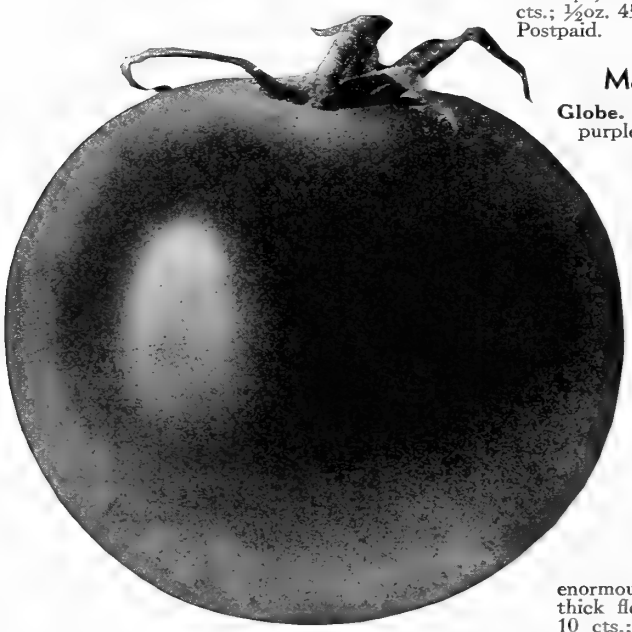
Wayahead. A distinct and very early sort with disease-resistant foliage. Fruits are scarlet, medium sized, and somewhat flattened in shape. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.75. Postpaid.

June Pink. The earliest pink-fruited variety. Fruits are medium sized, flattened, and smooth. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.75. Postpaid.

Bonny Best. A well-known second early and a prolific yielder. Fruits average 3½ inches in diameter, are bright red, smooth, and solid. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.50. Postpaid.

John Baer. Very good early for the home-garden. The fruits are of good size, always smooth, semi-globe-shaped, and bright red. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.50. Postpaid.

Chalk's Early Jewel. Vigorous and productive second early. The large fruits are deep scarlet-red, somewhat flattened, smooth, and solid. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.50. Postpaid.



Bonny Best Tomato

Early and Second-Early Sorts

Pritchard or Scarlet Topper. Gold Medal, 1932. An exceedingly productive, disease-resistant variety. The scarlet fruits are of good size, smooth, globular, and solid. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.75. Ppd.

Main-Crop, Scarlet Sorts

Beckert's Pittsburgh. A heavy producer of extra-large, scarlet fruits, smooth and of excellent flavor. The cell-structure is broken and fruits set in clusters of 5 to 7. Vines dark green. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.75. Postpaid.

Marglobe. A wonderful home- and truck-garden variety introduced several years ago by the U. S. Department of Agriculture. Plants are vigorous, resistant to wilt, and fruits are medium large and nearly globular, very meaty and of fine flavor. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.75. Postpaid.

Stone. An old favorite main-crop variety that is productive. Fruits large, smooth, and solid. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.75. Postpaid.

Crimson Cushion or Beefsteak. An extremely large and fleshy Tomato. Its scarlet fruits are smooth, rather flattened in shape, and of excellent flavor. Pkt. 10 cts.; ½oz. 45 cts.; oz. 85 cts.; ¼lb. $2.25. Postpaid.

Main-Crop, Pink Sorts

Globe. An outstanding all-purpose purple Tomato that produces enormous crops from midseason on. Fruits distinctly globular and very fleshy. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.50. Ppd.

Beauty. A productive main-crop Tomato. Fruits are of good size, smooth, solid, and never crack. Quality excellent. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.75. Postpaid.

Buckeye State. One of the largest-fruited Tomatoes. Late but a heavy yielder. Smooth, meaty, purplish crimson fruits. Pkt. 10 cts.; ½oz. 40 cts.; oz. 75 cts.; ¼lb. $2.00. Postpaid.

Oxheart. Especially adapted to staking for raising prize Tomatoes. Fruits grow to enormous size, are oxheart-shaped, thick fleshed, with few seeds. Pkt. 10 cts.; ½oz. 45 cts.; oz. 85 cts.; ¼lb. $2.25. Postpaid.

Main-Crop, Pink Sorts, continued

Truckers' Favorite. A purple-fruited counterpart to Stone. Heavy cropper with large, solid fruits. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.75. Postpaid.

Ponderosa. One of the largest of all Tomatoes. A single plant will often produce from 20 to 30 large, flat, somewhat rough fruits with small seed-cells. Pkt. 10 cts.; ½oz. 45 cts.; oz. 85 cts.; ¼lb. $2.25. Postpaid.

Various Other Tomatoes

Dwarf Champion. Compact, bushy plants averaging 3 feet tall by 2 feet across. Medium-sized, smooth, pink fruits of good quality. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.75. Postpaid.

Dwarf Stone. A dwarf-type, main-crop variety with scarlet fruits of rather large size. Solid and a good cropper. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.75. Postpaid.

Yellow Ponderosa. Main-crop, yellow-fruited variety of mild flavor. Fruits are large, rough, and flattened in shape. Pkt. 10 cts.; ½oz. 40 cts.; oz. 75 cts.; ¼lb. $2.00. Postpaid.

Small-Fruited or Preserving Sorts

Used principally for preserves or eaten raw. All very sweet and mild in flavor.

Red Cherry
Yellow Cherry
Red Peach
Yellow Peach
Red Pear
Yellow Pear
Red Plum
Yellow Plum
Golden Husk
Purple Husk
Red Currant

Each, pkt. 10 cts.; ½oz. 40 cts.; oz. 75 cts. Postpaid

Forcing Tomatoes

Ailsa Craig
Carter's Sunrise
Comet
Sterling Castle

Each, pkt. 15 cts.; ½oz. 50 cts.; oz. 90 cts. Postpaid

Choice Squashes

KURBIS (*Ger.*) ZUCCA (*Ital.*)
SUMMER FALL WINTER

One ounce of seed will plant 25 hills; 3 to 4 pounds, an acre.

Squash requires a heavily manured and well-fertilized soil. When all danger of frost is past, sow the Summer or Bush varieties in hills to stand 3 to 5 feet apart. The trailing Winter varieties require more room and should be sown in hills 8 to 10 feet apart. As soon as seedlings appear, and as need arises throughout the summer, spray with Pyrox to combat blight and the destructive striped beetle. Tobacco Dust, worked in at the base of the plant, will help to combat cutworms and Squash borer.

Summer Sorts

This class should be used in summer or early fall as they lose their value after the shell begins to harden.

Cocozelle Bush or **Italian Marrow.** A very prolific bearer of cylindrical fruits 12 to 15 inches long and 4 inches wide at the base, tapering to 2½ inches at the stem where it is fluted a distance of 2 inches. Color dark green with lighter green stripes. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

White Vegetable Marrow. An important vegetable in the English market. Trailing vines with tender fruits having creamy skin and white flesh; length 12 to 15 inches. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Mammoth White Bush. An extensively used early bush type having smooth, flattened white fruits, 7 to 8 inches in diameter, with scalloped edges. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Golden Custard Bush. Same shape as Mammoth White Bush, but slightly smaller and color is deep yellow. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Zucchini Bush or **Italian Marrow.** Short and blocky shaped, 12 inches long and 4 inches wide at base, tapering to 2½ inches at the stem. Smooth, black fruits with no specks or stripes. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Giant Summer Crookneck. The largest of the Crooknecks. Plants are of bush type. Fruits 20 to 25 inches long with golden yellow, warted skin. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Giant Straightneck. Similar in all respects to Giant Crookneck except the neck of the fruit is straight without any crook. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

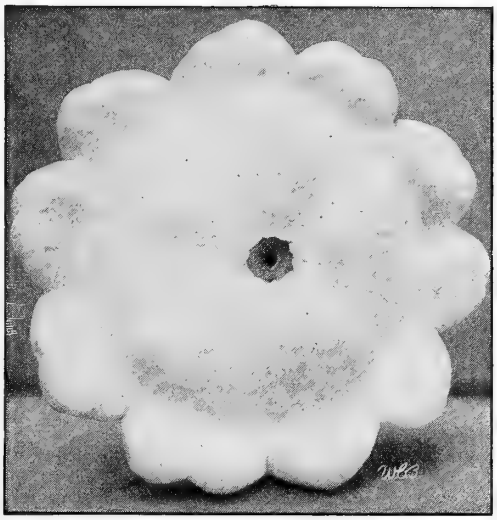
Delicious. A dependable Squash for later summer and fall. Bronzy green skin; flesh orange and sweet. Shape resembles the Hubbard type. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Winter Sorts

The Winter Squashes are excellent keepers as their hard rind protects the thick, fine-grained flesh. Gather the fruits soon after the first light frost has killed the foliage.

Boston Marrow. Large fruits with bright orange skin and flesh of very finest quality. A reliable cropper. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Hubbard, Improved. An extra-select strain of the standard Winter Squash. Skin dark green and nearly smooth; flesh yellow, fine-grained, dry and sweet; late keeping. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Ppd.



Mammoth White Bush Squash

SQUASH, Winter Sorts, continued

Hubbard Warted. Dark green, hard, warty skin. The longest keeper of all the Hubbard Squashes. Flesh thick and of fine quality. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Hubbard, Blue. A large variety having a hard, blue-gray shell. It is a long-keeping sort and of finest quality. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Hubbard, Golden. Similar to the Improved Hubbard, except that the skin and flesh are bright yellow. Very dry and of excellent flavor. Particularly good for pies on account of its bright color. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

New Acorn or **Table Queen.** Excellent for pies and keeps as well as Hubbard. Fruits are 5 to 6 inches long and 4 inches in diameter with smooth, dark green skin and thick orange flesh. Very prolific. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts. Postpaid.

Rhubarb or Pie Plant

RHABARBER (*Ger.*) RABARBARO (*Ital.*)

One ounce of seed will plant 125 feet of row.

Victoria. An improved variety producing extra-large, thick stalks. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts. Postpaid.

Rhubarb Roots. Strong roots for early spring delivery. 10 cts. each; $1.00 per doz. Large clumps 25 cts. and 50 cts.

Grow More Turnips

WEISZE RUBEN (*Ger.*) NAVONE RAPA (*Ital.*)

FOR SUMMER AND WINTER

One ounce of seed will sow 150 feet of row; 2 pounds, an acre.

For early crop, sow seed in April, in rows 12 to 15 inches apart; when seedlings appear, thin out to stand 8 inches apart in rows. For succession, sow every 2 weeks. For main or winter-crop, sow seed July to August either in 2-foot rows or broadcast.

Extra-Early White Milan. Roots white, flat, sweet and tender, 2 to 2½ inches in diameter. Matures in 50 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.00. Postpaid.

Extra-Early Purple Milan. Small tops and very flat, white roots with purple tops; flesh fine grained, sweet, and tender. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.00. Postpaid.

Purple-Top White Globe. A uniform and heavy yielder. Roots large and globe-shaped; upper part purple-red, rest white; flesh white, crisp, and tender. A splendid keeper. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. 75 cts. Postpaid.

Purple-Top Strap Leaf. Medium early, very productive variety. Roots flat, purple-red at top, white below; flesh white, fine grained, and tender. A good keeper. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. 75 cts. Postpaid.

Seven Top. A very hardy sort, grown principally for the large tops which are used as table greens. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. 75 cts. Postpaid.

Rutabaga or Swedish Turnip

KOHLRUBE WRUCKEN (*Ger.*)
CAVOLO NAVONE (*Ital.*)

These grow to a larger size than ordinary Turnips and require a longer season. They should be sown not later than July 1.

Purple-Top Yellow. Hardy. Large, globular, firm roots with well-flavored yellow flesh. An excellent keeper. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. 75 cts. Ppd.

Golden Neckless. Extra-fine, improved strain without neck. Tops rather short, but good-sized root. Flesh yellow and fine grained. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. 75 cts. Postpaid.

Garden Herbs

KITCHEN FRAGRANCE MEDICINAL

Varieties grown for their herbage should be cut when the plant is in full growth and before it has become woody, then hung in a cool, dry place for curing. The seed-bearing plants should be left until the seed matures, but cut before the seeds begin to shatter. Perennial varieties are designated by an asterisk(*).

Anise. Used for garnishing, seasoning, and cordials.
Balm. Gives a lemon flavor to tea and other beverages.
Basil, Sweet. Clove-like fragrance. Leaves used in soups and stews.
Borage. Leaves used in salads. Flowers excellent for bees.
Caraway. Seeds used in flavoring cakes, etc.
Chives. Leaves used in salads and for flavoring soups, etc. Pkt. 25 cts.
Coriander. Seeds widely used for flavoring confectionery and cakes.
Dill. Leaves and seeds are used for pickling; also in soups and sauces. Fragrant.
Florence Fennel. The enlarged bulb at the base of the stem has an agreeable aromatic flavor.
Horehound.* The leaves are used for flavoring candy and for use in making cough remedies.
Lavender, True. Principally grown for its flowers which are enjoyed chiefly for their fragrance.
Marjoram, Sweet. The leaves and tender tips have a unique spicy taste for seasoning.
Rosemary.* Half-hardy perennial. The leaves are aromatic and used for seasoning and medicine.
Sage.* The leaves and tops are used for seasoning and stuffing.
Savory, Summer. Leaves and young shoots are fragrant and are used for flavoring.
Thyme. Of lemon flavor; used in making tea for nervous headache.

All varieties of Herbs, except where noted, pkt. 10 cts.

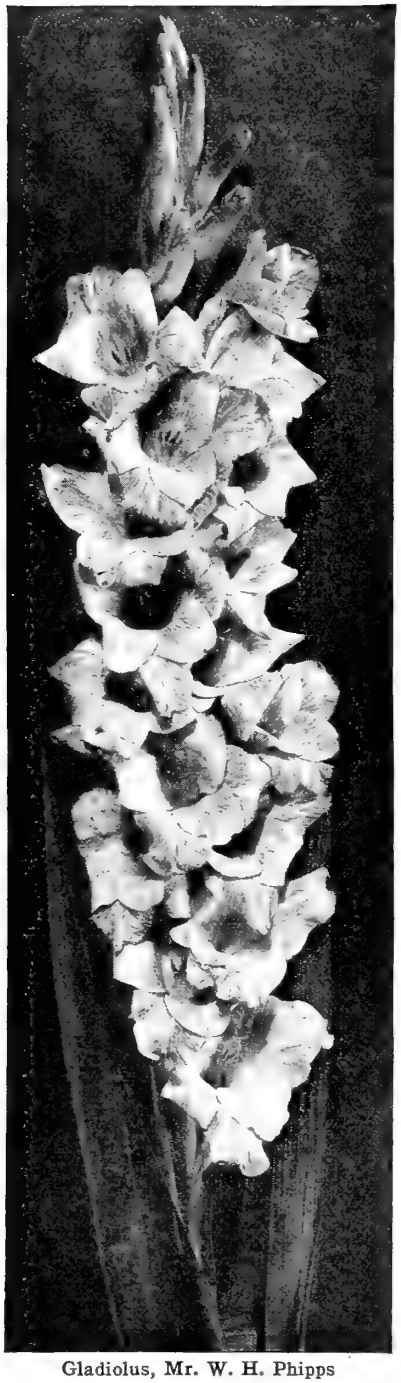
EVER-POPULAR GLADIOLUS

Constant improvement in Gladiolus has greatly increased the interest in them, and they are being planted in greater numbers each season. For cutting purposes, the bulbs may be planted in rows 12 to 18 inches apart, setting the bulbs 3 to 4 inches apart and planting to a depth of 6 inches. The flowering spike should be cut just as soon as the lower flowers open; the remaining buds will open if kept in fresh water and the open flowers removed as they fade. The stems should be clipped when the water is changed. Treated thus, a spike will last over a week.

For garden planting, they appear to best advantage in groups or masses and are best used in conjunction with some annual or bedding subject where they can be timed to flower in late summer when garden color is most desired. Groups can also be used effectively in the perennial border. A more continuous effect can be had by making successive plantings, beginning as soon as the ground can be worked, in early spring, and planting at intervals until June.

The prices named below are for the largest size bulbs—the only size we offer. They average 1½ inches or more in diameter, and are sound, vigorous, and free from disease. Such bulbs are sure to bloom, and will produce the longest, strongest spikes and the largest flowers. They are not to be compared with the smaller bulbs commonly offered and often incorrectly named "first-size."

Prices on Gladiolus include delivery. 6 bulbs of a variety at dozen rate; 25 bulbs at 100 rate



Gladiolus, Mr. W. H. Phipps

12 NEWER GLADIOLUS

BETTY NUTHALL. A warm, light coral with pale orange throat and a light feathering of carmine; flowers are often 6 inches across, of splendid substance, and well placed on tall, strong spike. One of the best Gladiolus of later introduction. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

COMMANDER KOEHL. Brilliant scarlet-blood-red with large flowers on a tall, strong stem. A recent introduction which is considered one of the finest and sturdiest of the dark reds. 11 cts. each; $1.10 per doz.; $8.00 per 100.

LOYALTY. Large flowers of a deep shade of golden yellow with many blooms open at a time. Grows tall and straight on a strong spike. Wonderful for exhibition. 15 cts. each; $1.35 per doz.; $10.00 per 100.

MAMMOTH WHITE. As far as we know, this has the largest flower of any Gladiolus grown—it measures 7 inches in diameter. The color is pure white; the spikes 5 feet high. 15 cts. each; $1.35 per doz.; $10.00 per 100.

MARMORA. One of the finest Gladiolus ever introduced. Lavender to lavender-gray with petunia-colored blotch. Tall, strong stems with from 8 to 12 very large flowers open at once. 9 cts. each; 85 cts. per doz.; $6.00 per 100.

MINUET. A beautiful clear, light lavender; 4 to 6 large, heavily textured blooms open at once on a good, strong stem. This is the lavender by which all other lavenders are judged. Considered by most growers as the last word in a light lavender Gladiolus. 11 cts. each; $1.10 per doz.; $8.00 per 100.

MR. W. H. PHIPPS. La-France-pink overlaid with salmon-rose, lower petals faintly striped and speckled with ruby; has enormous flowers and spike. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

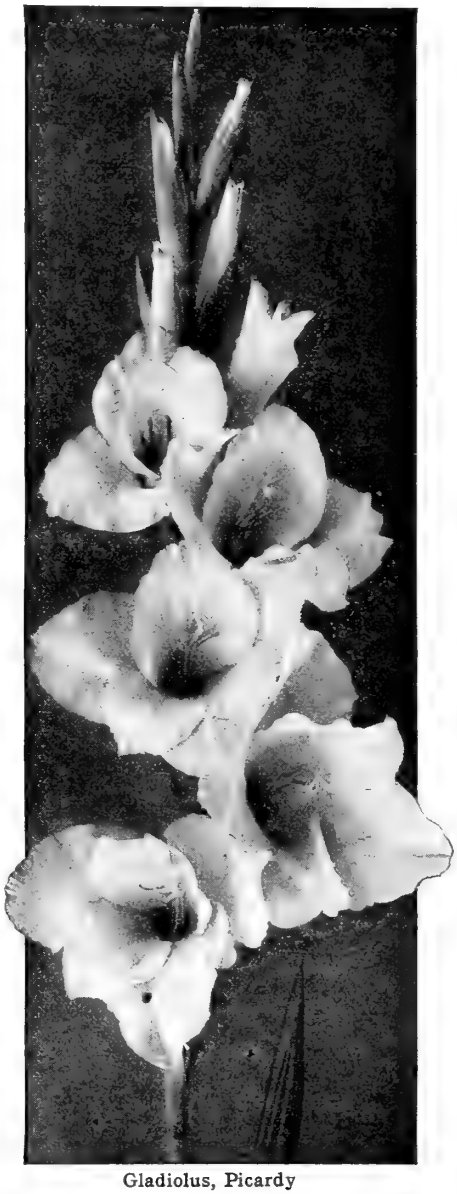
MRS. F. C. HORNBERGER. A beautiful snow-white without any markings, but occasionally showing a faint flush of pink. Flowers nicely ruffled, wide open, perfectly placed on a strong sturdy spike. 9 cts. each; 85 cts. per doz.; $6.00 per 100.

MRS. VAN KONYNENBURG. A matchless aniline-blue, considered the finest of its color in Gladiolus. Grows 5 feet in height on erect stems with beautifully formed flowers, well placed on the stem. 9 cts. each; 85 cts. per doz.; $6.00 per 100.

PICARDY. Considered by many as the best pink Gladiolus in existence. Large, beautiful, light pink florets, 4 to 5 inches across, edges feathered lightly with rose. 15 cts. each; $1.35 per doz.; $10.00 per 100.

RED GLORY. Rich fiery red sport of Purple Glory, which it resembles in everything but the color. A real beauty. 9 cts. each; 85 cts. per doz.; $6.00 per 100.

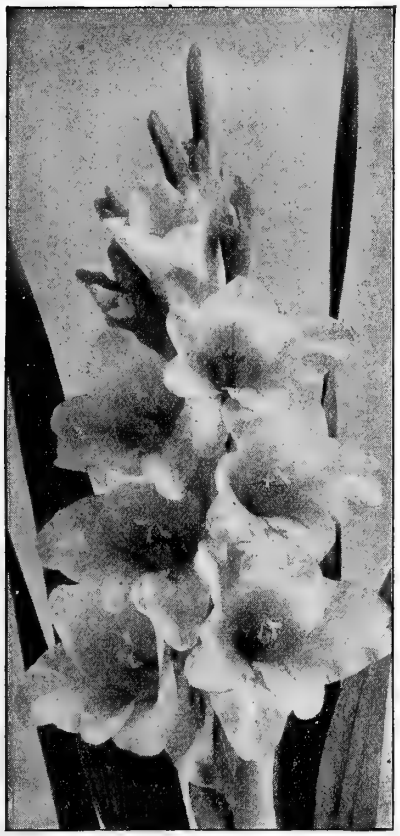
YELLOW WONDER. Large, pure soft yellow flowers without any markings. Strong, healthy grower. 9 cts. each; 85 cts. per doz.; $6.00 per 100.



Gladiolus, Picardy

Semesan is a good disinfectant for all Bulbs and Tubers. Dust your Gladiolus with it at planting-time. It protects against fungus and disease. 2 ozs. 50 cts.; lb. $2.50; 5 lbs. $11.75.

Bulbs and Roots for Spring Planting



Gladiolus, Los Angeles

The Best Standard Gladiolus

Largest size bulbs—1½ inches or more in diameter

Annie Laurie. (Primulinus.) Ruffled pink blooms overlaid light rose-pink, with light purplish lines in the throat. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Captain Boynton. Beautiful lavender with deeper blotch on lower petals. Large flowers, perfectly placed on tall, strong stems. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Charles Dickens. Purple-violet, with large flowers on tall spikes. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

Dr. F. E. Bennett. Peach-red, overlaid with flame-scarlet; throat speckled ruby and creamy white. Very large flowers of great substance, on strong stems. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

Europa. Splendid pure white. The large, well-shaped flowers all open at one time, making a gorgeous display. Absolutely the best white in existence. 9 cts. each; 85 cts. per doz.; $6.00 per 100.

Fern Kyle. Large, ruffled, creamy white flowers, on long, sturdy spikes. 9 cts. each; 85 cts. per doz.; $6.00 per 100.

Giant Nymph. Light rose-pink. Very large, wide-open flowers, well arranged on 6-foot stems. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Golden Dream. Large, pure golden yellow blooms on tall, straight spikes. Excellent as a cut-flower. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Golden Measure. Pure golden yellow. Considered the best yellow on the market. A super-Glad. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Los Angeles. Beautiful shrimp-pink with a glowing orange-carmine blotch in throat. Tall and graceful. One of the best forcing varieties, most bulbs blooming with two spikes. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Mrs. Dr. Norton. Fresh, clear apple-blossom-pink; large flowers on long, slender spikes. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Mrs. Frank Pendleton. Large wide-open flowers of vivid bluish pink, with a brilliant scarlet blotch in the throat. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Mrs. Leon Douglas. Begonia-rose, striped with scarlet. Tremendously large flowers with several side shoots, forming a gigantic bouquet. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Scarlet Wonder. Purest deep scarlet. Mammoth flowers, many open at a time on tall, stiff stems. A real giant. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Souvenir. The newest and finest deep yellow. Tall, with extra-large flowers. Early and a good shipper. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Virginia. Flaming scarlet. Large, massive flowers, many open at a time, making a gorgeous display of dazzling red. Good forcer. 5 cts. each; 50 cts. per doz.; $4.00 per 100.

Beckert's Superb Mixture Gladiolus

An unexcelled blend of a large number of fine and distinct varieties of Gladiolus. This is a specialty of ours, and not to be compared with ordinary mixtures. Selected bulbs. 5 cts. each; 45 cts. per doz.; $3.50 per 100.

Hardy Garden Lilies

Auratum (Gold-banded Lily). Ivory-white with central band of yellow and numerous purple spots. Mammoth bulbs, 35 cts. each; $3.50 per doz.

Regale. Extremely hardy and strong-growing variety with fragrant, white blooms shaded to yellow in the center, and a pink tinge in the outer petals. 35 cts. each; $3.50 per doz.

Speciosum album. Pure white, with green band in the center of each petal. Exquisitely dainty and beautiful. Very fragrant. 35 cts. each; $3.50 per doz.

Speciosum magnificum. Flowers larger than any of the other Speciosums. Rose, heavily spotted with rich crimson. Large bulbs, 35 cts. each; $3.50 per doz.

Speciosum rubrum or roseum. White, shaded with deep rose, and spotted red. Magnificent. Free blooming. Large bulbs, 35 cts. each; $3.50 per doz.

Tigrinum splendens (Tiger Lily). Showy orange-red flowers spotted black. Blooms in August. Large bulbs, 30 cts. each; $3.00 per doz.

Montbretia

Bright summer-flowering bulbs resembling gladiolus and desirable for the hardy border and for cutting. The flowers are of medium size and are gracefully arranged along a stiff, wiry stem. Height 2 to 3 feet.

Fire King. Scarlet-red.
George Davidson. Clear yellow.
King Edmund. Golden yellow.
Talisman. Orange-red.
Transcendent. Red with orange throat.

Any of above, 10 cts. each; $1.00 per doz.; $7.50 per 100

Cannas

City of Portland. Large, glowing pink flowers. Rich green foliage. Height 3½ feet. 12 cts. each; $1.15 per doz.; $8.00 per 100.

King Humbert. Orange-scarlet blooms of immense size. Luxuriant bronze foliage. Height 4½ feet. 10 cts. each; $1.00 per doz.; $7.00 per 100.

King Midas. Large flowers of a pure rich yellow with green foliage. An outstanding variety making large trusses on straight stems. 12c each; $1.15 per doz.; $8.00 per 100.

The President. This is considered the best of the red-flowering sorts. Enormous glowing scarlet blooms on strong stems. Green foliage. Height 4 feet. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Yellow King Humbert. A large yellow orchid-flowering type whose blooms are blotched red. Foliage green. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Miscellaneous Bulbs, Etc.

AMARYLLIS, Beckert's Giant American Hybrids. There is nothing better for the window-garden than Amaryllis bulbs. They are easily grown. 50 cts. each; $5.00 per doz.

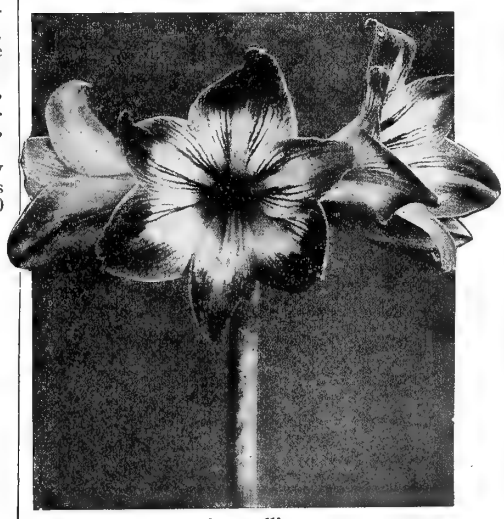
BEGONIA, Tuberous-rooted. A complete assortment of all colors. **Single, Mixed.** 30 cts. each; $3.00 per doz. **Double, Mixed.** 35 cts. each; $3.50 per doz.

CALADIUM esculentum (Elephant's Ear). Grown for its imposing leaves, which are shield-shaped, bright green in color, and often measure 3 feet or more in length and breadth. Requires a rich soil and an abundance of water. 9 x 11-in. circum., 15 cts. each; $1.50 per doz.; $10.00 per 100.

CALLA, Golden Yellow (*Richardia Elliottiana*). Rich golden yellow, velvety flowers. Dark green foliage with creamy white spots. 50 cts. each; $5.00 per doz.

ISMENE (Peruvian Daffodil). Summer-flowering bulbs bearing a profusion of handsome, lily-like, fragrant white flowers in clusters. 25 cts. each; $2.50 per doz.

TUBEROSE, Double Pearl. The best variety. Creamy white, very fragrant, double flowers. Start in March in the greenhouse for early flowers. Plant about the middle of May in the open. Mammoth bulbs, 7 cts. each; 70 cts. per doz.; $5.00 per 100.



Amaryllis

Miniature Pompon Dahlias make charming indoor decorations

A DOZEN SUPERB DAHLIAS

From the large number of Dahlias introduced in recent years we have selected the following meritorious, large-flowering varieties, any one of which will add an outstanding sort to your garden list. With proper culture they will produce strong, sturdy plants with the finest of large blooms. Furnished in strong divided tubers.

Jersey's Beauty Dahlia

The reasons for the popularity of the Dahlia are not hard to find. They are easy to grow, requiring a well-dug but only moderately rich soil and a fairly sunny situation. The tubers may be planted any time from April 25 to July 1, in this latitude, but the first of June is generally the best time to set them out. June-planted Dahlias come into bloom after the hot days of summer have passed and produce the largest and finest flowers. Set the tubers with the crown or eyes up and cover with about 4 inches of soil. Allow only two or three main stalks to develop in each hill. Give plenty of room, at least 2 feet and better 3, between plants. A light application of fertilizer at regular intervals is advisable. To produce exhibition flowers, careful trimming and disbudding is practised.

Asbury Park. (Decorative.) Glorious blooms of coppery salmon with shadings of old-gold. Early, free blooming, and very vigorous. 35 cts. each.

Barbara Redfern. (Decorative.) The flowers are of immense size and good depth. They are a delightful blending of old-rose and gold and are borne on heavy, stiff stems. 75 cts. each.

George Walters. (Cactus.) Good-sized blooms on long, wiry stems. Color rich pinkish salmon, tinged with gold at the center. 50 cts. each.

Ida Perkins. (Decorative.) A magnificent pure white with full center and of fine form. The large showy blooms are produced in profusion and are admirable for cutting. An early bloomer. 75 cts. each.

Jane Cowl. (Decorative.) A massive bloom of buff and old-gold, blending with salmon. The stem is of unusual strength, which supports the bloom well above the foliage. 50 cts. each.

Jersey's Beauty. (Decorative.) Lovely pink with the tips of the petals slightly touched with gold. A large, perfect bloom on very long, stiff stems. One of the finest Dahlias ever introduced. 50 cts. each.

Mr. Crowley. (Decorative.) A plant of dwarf habit having large flowers of a beautiful luminous shade of salmon-pink. One of the best garden and cutting varieties. 50 cts. each.

Mrs. A. B. Seal. (Decorative.) An immense bloom and considered the finest old-rose Dahlia grown. The long stems hold the flowers well over the foliage. 75 cts. each.

Mrs. I. de Ver Warner. (Decorative.) A deep mauve-pink of perfect form and large size. Free and continuous bloomer, excellent for exhibition as well as for general garden purposes. 35 cts. each.

Rose Fallon. (Decorative.) Large blooms of dark orange tinted amber and salmon, of good form. An excellent cut-flower. 50 cts. each.

Pride of California. (Decorative.) A fine red Dahlia. Brilliant glowing red blooms of large size. Long, wiry stems, excellent for cut-flowers. 50 cts. each.

Watchung Chief. (Decorative.) An excellent cut-flower. Large blooms of a warm buff and old-gold, blending to apricot and rose at the center; stem long and stiff. 50 cts. each.

SPECIAL COLLECTION: Six Giant-flowered Dahlias, $1.75

One strong root of each of the following beautiful Dahlias (described in preceding list): Asbury Park, Jane Cowl, Jersey's Beauty, Mr. Crowley, Mrs. I. de Ver Warner, Pride of California.

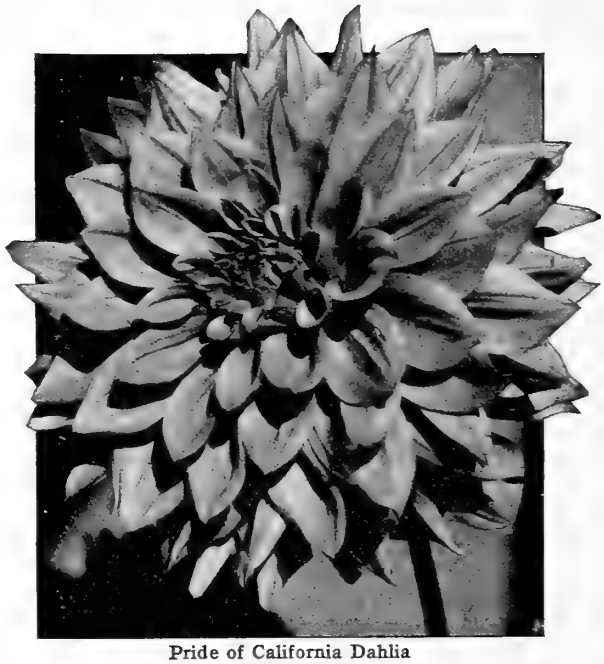
DAINTY POMPON DAHLIAS

Pompons are miniature forms of the Show Dahlias, about 2 inches in diameter. They are of compact growth and the small, well-rounded flowers are excellent for table decorations.

Ammie. Well-formed orange flowers, shaded apricot.
Amber Queen. Very attractive light amber color.
Little Edith. Miniature yellow blooms with orange tips.
Dee-Dee. Free blooming. Lovely lilac blooms.
Little David. Brilliant salmon-scarlet on long stems.
Tom Thumb. Tiny, dainty garnet flowers.

Any of the above Pompons, 25 cts. each; $2.50 per doz.

COLLECTION: One each of the above 6 Pompons, $1.25



Pride of California Dahlia

A good Sprayer or Duster is essential for the gardening program

Sprayers and Dusters

Knapsack Sprayers

BROWN'S

Open-Hed. 4-gal. galvanized tank. $6.00.
4-gal. brass tank. $8.90.

Open-Hed. 3-gal. galvanized tank. $5.00.
3-gal. copper tank. $7.00.

No. 37. 2½-gal. galvanized tank. $4.00.
2½-gal. copper tank. $6.25.

HUDSON

No. 110G. 4-gal. galvanized tank....$6 25
No. 110B. 4-gal. brass tank..... 9 60

VERMOREL

No. 1. Solid copper tank; double-action pump; side-arm movement.....20 00

SYRINGE, BRASS ENGLISH

Small size (12 x 1⅛ in.).....$4 25
Medium size (16 x 1¼ in.)..... 6 00
Large size (18 x 1½ in.).....10 00

Hand Sprayers

Jake Style. Capacity 1 quart. Easy to operate; throws a fine continuous spray.

Tin.....$1 00
Galvanized..... 1 25
Brass..... 1 75

Non-Continuous.
Glass Jar, 3-oz. size..... 20
Tin, ¾-pt..... 30
Tin, 1-qt..... 45

Continuous.
Tin, 1-qt..... 75
Glass Jar, 1-qt..... 1 15
Brass, 1-qt..... 1 25

Blizzard. One of the most durable and efficient Sprayers made. Pump chamber of seamless, solid brass, 15 inches long, with a solid copper tank holding 1⅛ qts. of liquid..... 1 75
Cardinal. Heavy galvanized 3-qt..... 1 50
Rubber Sprinkler. Small size..... 50
Large size..... 1 25

Dusters

Corporal.....$0 20
Cadet..... 50
Major..... 1 00
Glass Jar. 1-qt. size..... 1 25
Crank Duster. Adjustable discharge operated by crank handle. Capacity 3 qts. powder..... 8 00

Barrel Sprayers

Paragon No. 3. A reliable outfit suitable for all outdoor spraying and whitewash work. Powerful pump with 12-gal. heavy tank set on a two-wheeled cart. Fully equipped. $19.75.

Sunshine. Heavy galvanized steel tank, capacity 12½ gals. Mounted on one-wheel cart. Fully equipped. $12.75.
Meyers Cog Gear No. R308B. Thoroughly serviceable, well made and simple in construction. Fully equipped together with 50-gal. wooden barrel. $25.00.

Bucket Sprayers

For spraying trees, shrubs, vines, field-crops; handling whitewash, disinfectants; washing automobiles, windows, and other purposes.
Meyers Little Giant.....$3 75
Brown's No. 5..... 3 50
Standard..... 3 50

Cultivators and Seeders

Planet Jr. Cultivators

No. 11 Planet Jr. Double Wheel Hoe

No. 11 Cultivator. The fullest equipped double wheel hoe we offer. Equipment, 1 pair 6-inch hoes, 4 cultivator teeth, 1 pair 4½-inch hoes, 2 three-tooth rakes, 2 five-tooth rakes, and 1 pair plows. $13.00.
No. 12 Cultivator. A very popular double wheel hoe because the equipment is just what the average gardener needs. Same equipment as No. 11 less 1 pair 4½-inch hoes, 2 three-tooth and 2 five-tooth rakes. $10.25.
No. 35 Seeder Attachment. Can be attached to any Planet Jr. Single or Double Wheel Hoe. Can also be used separately if desired. $5.75.
Fire Fly Plow and Cultivator. Will throw a furrow 4 to 6 inches wide and 3 inches deep. $4.00.
Star Pulverizer. A weeder, cultivator, and mulcher all in one. $2.85.
Juvenile Cultivator. A handy light leaf-lifter's weight tool. $2.50.

Iron Age Cultivators and Seeders

Gem Single Wheel Hoe. A sturdy, compact cultivator on which the handles can be adjusted to suit the height of the operator. Complete with all tools. $6.70.

Single Wheel Hoe No. 320. Steel wheel 16 inches high with 1½-inch rim. The working tools are pair of side hoes, landside plow, and 3 cultivator teeth. $6.30.

Single Wheel Hoe No. 321. Same as No. 320 but with side hoes only. $5.25.

Double or **Single Wheel Hoe No. 301.** Equipment, 1 pair 6-inch hoes, 4 cultivator teeth, 1 pair plows and leaf-lifters. $9.00.

Double or **Single Wheel Hoe No. 313.** Same as No. 301 without plows. $8.00.

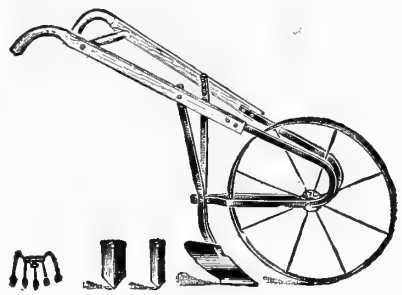
Double or **Single Wheel Hoe No. 303.** Same as No. 301 with side hoes only. $7.25.

Hill and Drill Seeder and Wheel Hoe No. 306. Quickly changed from a seeder to a wheel hoe. Complete assortment of all working tools. $17.50.

Hill and Drill Seeder No. 316. Opens the furrow, sows the seed, covers up, rolls down and marks the next row, all in one operation. $13.50.

New Model Seed Drill. Sows all kinds of seeds; automatic control device regulates flow of seed. Capacity 2 qts. $11.50.

Various Cultivators and Seeders



HIGH WHEEL CULTIVATOR No. 100A

Easiest of all Cultivators to operate, particularly on rough ground. Handles adjustable to height of operator. The high wheel permits this tool to be operated with very little effort. $3.75.

CYCLONE SEEDER

One of the best-known broadcast Seeders on the market. Adjustable to sow alfalfa, clover, timothy, and all seeds that can be broadcast. Exceptionally strong and rigidly built. Capacity ½ bushel. $2.75.

Miscellaneous Garden Tools

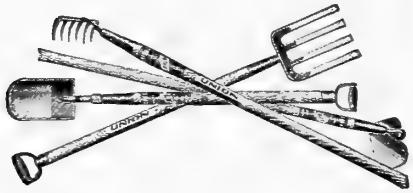
ASPARAGUS KNIVES.....$0 45

SPEEDY CULTIVATOR..$1 00

DIBBLES
All Iron.....$0 65
Brass Point... 90
Wood Handle.
Small size... 65
Wood Handle. Large size..... 70
Dandy, All Wood. Small size..... 40

FORKS, Spading. Extra heavy.....$1 90
Spading. Good grade..... 1 25
Spading. Boys' size..... 90
English Digging..... 2 50

Manure. Four prongs.....$1 50



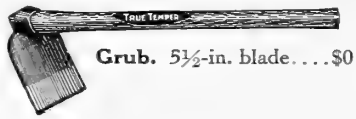
GARDEN SET—Four Tools.....$2 50

GRASS EDGING KNIVES.
English. Curved top.....$2 25
American. Straight top..... 1 25
Planet, Jr...... 1 75

HANDLES.
Hay Fork. Bored and chucked....$0 50
Hay Fork. Short ferrule..... 65
Hay Fork. Strap ferrule..... 75
Manure Fork. Long..... 50

HOES—Dutch Scuffle.
5-in.....$1 00
6-in..... 1 10
8-in..... 1 25

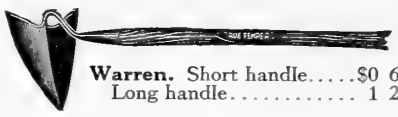
HOES.
Garden or **Field.** 5-in.....$0 85
6-in..... 1 00
7-in.... 1 05
8-in..... 1 10



Grub. 5½-in. blade....$0 90

Mattock. Dig-Easy.....$1 00
Cutter Blade..... 1 25
Solid Eye..... 1 25

Italian Grape.....$2 00



Warren. Short handle.....$0 65
Long handle..... 1 25

Weeding. Two prongs.
Light weight.....$0 65
Heavy weight..... 85
Weeding. One prong 60

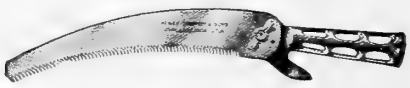
HOOKS, Potato. Flat tines.....$1 15
Round tines..... 1 15
Vine..... 50

HOOK and WEEDER.....$0 60

KNIVES.
Budding. Square point blade.....$0 80
Aluminum handle..... 1 65
English. Ivory handle..... 4 50
Budding. Two blades..... 1 10
Budding and Grafting. One blade 1 00
Pruning and Budding. Two blades 1 35
Corn Cutter. Extra-heavy blade.. 50

PRUNING SAWS.
Single Edge. Closed Handle—
18-in.....$2 00
20-in..... 2 25
Single Edge. Open Handle—
16-in..... 1 40
18-in..... 1 65
20-in..... 1 85
Special Tooth. 22-in..... 1 70
Double Edge. 20-in..... 2 00

Triangular. 16-in.....$2 00
18-in..... 2 10
Triangular. Searight. 14-in..... 2 50
Extra Blades..... 30
Curved, Hand..... 1 25



Curved, Pole.
Blade only.....$1 25
Socket only..... 90

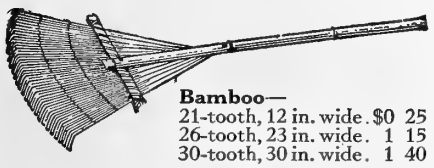
RAKES, Metal.
Garden, Straight Head—
6-tooth.....$0 50
12-tooth..... 70
14-tooth..... 90
16-tooth..... 1 10
Garden, Bow Head—
14-tooth..... 1 20
16-tooth..... 1 40
Wire, Lawn—
12-tooth, 21 in. wide..... 75
18-tooth, 32 in. wide..... 90
21-tooth, 36 in. wide..... 1 00

Broom Style, Metal—
22-tooth, 19 in. wide.....$1 00
24-tooth, 18 in. wide..... 1 15
24-tooth, 24 in. wide..... 1 40
Spring Style—
24-tooth, 24 in. wide..... 1 40

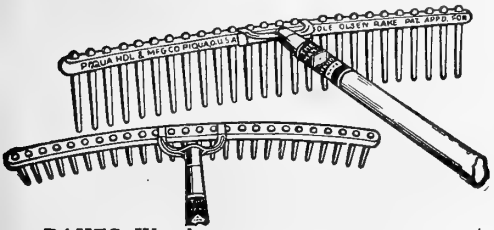
You will see that we have a Tool for every gardening need

Miscellaneous Garden Tools

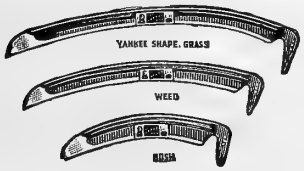
RAKES, Metal.
Gem Dandelion. 31-tooth, 15-in. wide.....$1 25



Bamboo—
21-tooth, 12 in. wide..$0 25
26-tooth, 23 in. wide.. 1 15
30-tooth, 30 in. wide.. 1 40



RAKES, Wooden.
Ole Olsen. 26-tooth, 23 in. wide...$1 00
Bow Head. 3 wired..... 90
Hay. 2 wired. 10-tooth, 27 in. wide 50
Automatic.
26-tooth, 27 in. wide..... 2 00
38-tooth, 39 in. wide..... 2 25

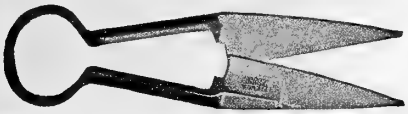


SCYTHES.
Bush. 18 to 22 in.....$1 75
Weed. Assorted. 24 to 28 in..... 1 75
Grass, American. 30 to 32 in..... 2 00
English. 30 to 34 in..... 2 75
German, Blue Steel. 30-in..... 2 25

SCYTHE HANDLES.
Curved style..... 1 50
Straight-handle style..... 1 40

SCYTHE STONES.
Carborundum.....$0 30
Carborundum File..... 1 00
English Welsh Talacre..... 35
Big Milan..... 15

SHEARS, Border.
American. 9-in.....$5 00
English. 9-in..... 7 00



SHEARS, Grass or Sheep.
American. No. 357. 5½-in.....$0 75
No. 357. 7-in..... 1 25
English. No. 3075. 5½-in..... 2 25
No. 3075. 7-in..... 2 50

SHEARS, Grass or Sheep.
Grasnip. 6-in.....$0 75
8-in..... 1 25

Doo-Klip Grass Shears

Doo-Klip.....$1 25
Snip-It..... 1 00

SHEARS, Hedge.
Village Blacksmith—
Plain Edge. 8-in.....$1 75
9-in..... 2 00
Serrated Edge. 8-in..... 2 25
9-in..... 2 50
English. 8-in..... 3 00
9-in..... 3 25
10-in..... 3 50
Electric. Double rotary.....18 50

SHEARS, Lopping.
Tiffany. All-steel handle.....$3 00
Wiss. 26-in. handle..... 3 00

SHEARS, PRUNING.
Atkins. No. 100. 8-in.....$1 50
Fields. No. 1537. 9-in..... 85
Wiss. No. 409V. 9-in..... 2 00
Henkel's No. No. 192..... 4 00
Village Blacksmith. Leaf spring, 9-in..... 2 25
French, Wheel Spring. 8-in..... 2 00
9-in..... 2 50
10-in..... 3 25
Ladies.' 6-in., nickel finish..... 1 50
7-in., plain finish..... 1 00

SCISSORS, Flower-gathering.
Nickel finish....$1 50
Thinning-out..... 1 10

SHOVELS, D-Handle. Either round or square point.....$1 50
Long Handle. Heavyweight..... 1 75
Home Garden. Lightweight; strongly made..... 1 35

SICKLES or GRASS HOOKS.
Village Blacksmith.
Plain edge.....$0 65
Serrated edge..... 65
English. Riveted back..... 90
German..... 65
Graswhip. Long handle..... 1 25
SIEVES. Sizes of ⅛-, ⅙-, ¼-, ½-, ¾-in. mesh..... 1 50

SOD LIFTER, American.....$2 50
English..... 8 50
SOD PERFORATOR..... 2 50

SPADES. Best quality, polished.....$1 60
Burbank. Curved point..... 2 00
Boys' Size. Strongly made..... 90

TREE PRUNERS, Jointed Style.
8-ft..... 6 00
12-ft..... 7 00
16-ft..... 7 75
Bastian. 14-ft..... 2 50
Bastian Fruit Pruner. 5½-ft..... 1 50
8-ft..... 1 75
10-ft..... 2 00

TROWELS.
Village Blacksmith.....$0 35
Sheet Steel. No. 212. 6-in..... 35
Forged Steel. No. 211. 6-in..... 70
Drop Socket..... 85
Midget Spader..... 60
Transplanting. 7-in..... 25
8-in..... 30

WEEDERS.
Automatic, Blue Bird..... 1 25
Sure Grip. Long handle..... 1 00

Eureka. Short handle.....$0 45
2-ft. handle..... 60
4-ft. handle..... 75
Excelsior. 5 prongs..... 15

Gem. Three flat tines.....$0 45
Hazeltine. High-grade steel..... 50
Invincible. 3-prong, short handle.. 50
3-prong, long handle..... 75
5-prong, long handle..... 1 00
Onion. Short handle..... 50
Long handle..... 75
Village Blacksmith. 4-prong..... 30
5-prong..... 45

Handy Garden Labels aid in keeping records of plantings

Miscellaneous Garden Supplies

ASBESTOS TORCH.....$0 60

BASKETS, Oak. 2-bus. size..... 2 50

BIRD-BATHS, with fountain..... 3 00
With sprayer..... 5 00

BROOMS, Birch. With handles..... 75
Without handle..... 50

CELERY BLEACHERS.
6 x 12-in., 60 cts. per doz.; $4.00 per 100.
7 x 14-in., 75 cts. per doz.; $5.00 per 100.

FRUIT-PICKERS. Heavy galvanized wire.....$0 50

FRUIT and VEGETABLE-PICKING BAGS. With drop bottom..... 1 60

GARDEN LINE. 48-ft. hanks.
1 hank..... 50
12 hanks..... 5 00

GARDEN LINE REELS, with stake.
Small size.....$1 25
Large size..... 2 00

Soft, pliant, and durable. Being all leather they provide full protection to the hands. Can be washed with soap in lukewarm water if necessary. 75 cts. per pair.

HOSE, Rubber (including couplings).
½-in., 50-ft. length (Tonka).....$6 50
½-in., 50-ft. length (Relief)..... 5 50
¾-in., 50-ft. length (Tonka)..... 7 50
¾-in., 50-ft. length (Relief)..... 6 50

HOSE, SPRAY.
⅜-in., 5-ply Target Brand, per ft... 25
½-in., 3-ply Relief Brand, per ft.... 30

HOSE COUPLINGS.
Perfect Clinching. ½- and ¾-in., per set.....$0 25
Bull Dog Style. ½- and ¾-in., per set..... 30
Snap-on Style. Per set..... 25

HOSE MENDERS.
Perfect Clinching. ½- and ¾-in., 10 cts. each; $1.00 per doz.
Cooper. ½-in., 10 cts. each; $1.00 per doz.

HOSE NOZZLES.
Justrite.....$0 60
Flat Spray..... 65
Pet..... 65
Greenhouse. Light, oval face..... 50
Greenhouse. 4-in. heavy face..... 75
Greenhouse. Brass, 4½-in. discs.. 3 00

HOSE REELS.
Wall Style No. 10..... 50
Cart Style No. 585-1..... 3 75

Hotkaps for Earlier Crops

Protect plants from frost, wind, rain, insects

Hotkaps protect growing plants against rain, wind, cold, frost, birds, insects and other destructive forces. Each one is a miniature hothouse, maintaining a perfect mulch and forcing growth and development. With Hotkaps, crops mature 2 to 3 weeks earlier and yield is 10 to 25 per cent greater.

Home Gardeners Package of
25 Hotkaps, sturdy cardboard Setter.$0 50
100 Hotkaps, steel Setter and Tamper. 2 40
250 Hotkaps, steel Setter and Tamper. 3 65
Postage extra.

LABELS, Wooden, Painted.

	100	1000
Pot. 4-in.	$0 40	$2 75
5-in.	50	3 25
6-in.	55	3 50
Garden. 8-in.	1 15	7 50
10-in.	1 35	9 00
12-in.	1 75	12 00
Tree. 3½-in., copper wire..	50	3 25

WHEELBARROWS, GARDEN.

	Each
No. 1. 30 x 24 in.	$8 75
No. 2. 28 x 20 in.	7 75
No. 3. 26 x 19 in.	7 50

All wood wheels, 3-in. tires.
No. 20. 32 x 25 in. Steel body and wheel; 1½-in. tire..... 5 00

LABELS, Celluloid Simplex Weatherproof. Furnished with copper wires.

	Doz.	100
3 x ½-in..	$0 50	$3 00
4 x ¾-in..	75	5 00
5 x 1-in....	1 00	6 00

LABELS, Bestyette. Superior to any garden label on the market. 75 cts. per doz.; $5.00 per 100.

LAWN SIGNS, "PLEASE." 10 cts. each; $1.00 per doz.

LAWN BIRDS on stakes. 20 cts. each; 5 for 75 cts.

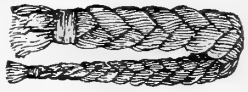
LAWN SCOTTY DOGS. 90 cts. each.

LEAF-RACK, Wire. For wheelbarrow. $8.00.

MOLE TRAPS. Small.....$1 00
Large..... 1 25

PAPER, Waxed. See Florist Supplies.

PLANTING TOOL, Hole in One.... 50

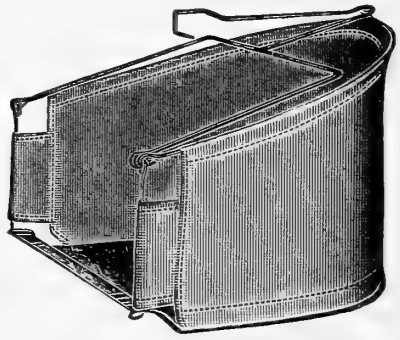


RAFFIA.
Natural. Lb. 40 cts.; 5 lbs. $1.85.
Green. Lb. $1.25; 5 lbs. $6.00.

THERMOMETERS. See Florist Supplies.

TWINE. See Florist Supplies.

WATERING-CANS. Heavy galvanized.
Wotherspoon. 4-qt.....$4 25
6-qt..... 4 75
8-qt..... 5 25
10-qt..... 5 50
12-qt..... 6 00
4-qt., low style..... 3 75
Haw's English. 3-qt..... 5 25
4-qt..... 6 50
6-qt..... 7 00
8-qt..... 8 00
10-qt..... 9 00
Lightweight. 4-qt..... 65
6-qt..... 75
8-qt..... 85
10-qt..... 1 00
12-qt..... 1 15
Fancy Style. 1-qt..... 1 00
2-qt..... 1 25



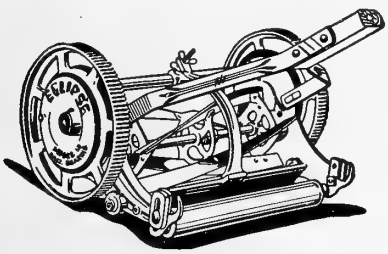
ADJUSTABLE GRASS CATCHERS to fit all average sizes and makes of Lawn Mowers.....$1 25

Improve your lawn by using a lawn roller in the spring

Lawn Mowers, Rollers, and Sprinklers

Eclipse Lawn Mowers

The Eclipse Mower is never dull, due to the self-sharpening feature with which it is equipped. It is the only Lawn Mower designed that can be sharpened without the aid of tools. Another valuable feature is the instant finger-tip adjustment of the bottom knife blade, thereby eliminating the drudgery of tinkering with the four set screws, used on other machines.



Eclipse Model M. Self-sharpening.
16-in. cut, 5 blades. Pneumatic tires.....$17 90

Eclipse Model L. Self-sharpening.
16-in. cut, 5 blades, 10-in. standard wheel..... 16 00
18-in. cut, 5 blades, 10-in. standard wheel..... 17 00

STANDARD TYPES OF ECLIPSE LAWN MOWERS

Arlington.
14-in. cut, 4 blades. Rubber tires...$7 40
16-in. cut, 5 blades. Rubber tires... 7 75

Century.
14-in. cut, 4 blades. Rubber tires... 6 95
16-in. cut, 5 blades. Rubber tires... 7 25

Midwest.
14-in. cut, 4 blades..... 5 75
16-in. cut, 5 blades..... 6 10

Rio Grande.
14-in. cut, 4 blades..... 6 25
16-in. cut, 5 blades..... 6 50

Milbradt

Heavy-Duty Power Lawn Mower

The extreme durability and ease of handling recommends the Milbradt to small and large estates alike. Being equipped with roller drive, the weight of the Mower is so evenly distributed as to make it possible to cut your lawn under the most trying wet-weather condition. Speed, 1 to 5 miles per hour. Capacity 2 to 3 acres per day. Please ask for a demonstration.

21-in. cut.....$195 00
27-in. cut..... 280 00
30-in. cut..... 295 00
59-in. cut..... 340 00
62-in. cut..... 410 00

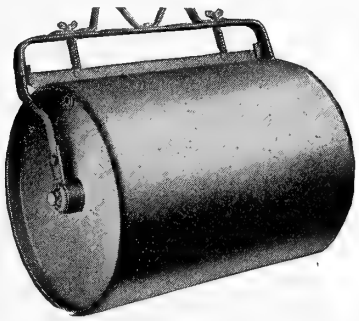
Philadelphia High-Wheel Lawn Mowers

15-in., Style A, high wheel.....$22 00
17-in., Style A, high wheel..... 25 00
19-in., Style A, high wheel..... 27 50
21-in., Style A, high wheel..... 30 00
6-in., Trimmer and Edger..... 8 25

Water-Weight Lawn Rollers

These Rollers have strong, one-piece, hollow steel drums into which water or sand can be poured until the Roller is just the right weight for any job. By varying the amount of water, the same Roller may be used on soft lawns or on the tennis-court or drives, and, when not in use and empty, it is light enough to be easily handled and stowed away in the basement or garage.

With roller-bearings and scraper.



No.	Diam.	Length	Weight empty	Filled with water	Price
607.	14 in.	15 in.	50 lbs.	115 lbs.	$9 00
601.	14 in.	24 in.	60 lbs.	250 lbs.	11 50
602.	18 in.	24 in.	75 lbs.	330 lbs.	15 00
603.	24 in.	24 in.	100 lbs.	440 lbs.	20 00

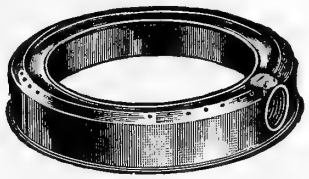
Lawn Mower Grass Catchers

Collapsible frame with heavy galvanized iron bottom; self-adjusting hooks hold the Catcher in place on the mower.

No. A. Fits 12- to 16-in. mower.....$1 25
No. B. Fits 16- to 20-in. mower..... 1 65

Lawn Sprinklers

IMPROVED RING



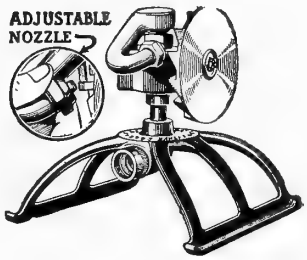
Brass Ring Sprinkler. Made entirely of sheet brass. Throws a fine mist-like spray over a large circle. 75 cts.

Turbine. A general utility Sprinkler and a nozzle holder all in one. Can also be used on a steep terrace or as a sidewalk Sprinkler. $1.25.

FOR LUXURIANT LAWNS, USE
BECKERT'S SEED STORE
RELIABLE LAWN MIXTURES

See Inside Front Cover and Page 1

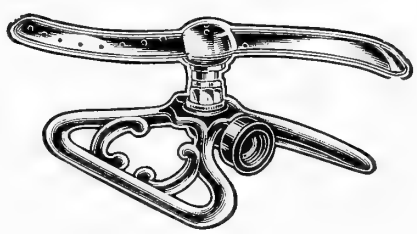
DOUBLE ROTARY



Double Rotary. Constructed of best material; covers a wide area. Water-pressure causes the revolving wheel to distribute the water like rain.
Model H.....$12 50
Model Jr...... 7 50

Busy. Under 35-pound pressure at the hydrant, the Busy will cover a circle 30 feet in diameter. 75 cts.

Cheap-But-Good. A very efficient and low-priced fountain-like Sprinkler. 30 cts.



Dew Drop Junior. Does not throw as fine a mist as some of the other Sprinklers, but is well suited for low-pressure locations. Height 4 inches. $1.00.

Silver Mist. For watering large lawns.
Special. 6-in. length.....$2 65
Junior. 5-ft. length..... 5 65
Senior. 6-ft. length..... 7 50

Sidewalk Spike Sprinkler. Throws a fine fan-shaped spray away from the sidewalk. Nothing to get out of order or to wear out. 35 cts.

Pelican-C Special Long Range. A high-pressure style that will distribute 1250 gallons per hour. Equipped with 1-inch hose connections. $17.50.

Ball-Bearing. Easy running, ball-bearing head with 3 arms, revolving at either a low or high pressure. Height 10 inches. $1.50.

Spike Style. 2 ft., complete.....$0 85
4 ft., complete..... 1 00

Rain King. Adjustable as a stationary or as a revolving spray. Will cover a circle of from 8 to 80 feet. $2.50.

A moderately priced Electric Hotbed Heater insures heat

Greenhouse and Hotbed Supplies

APRONS, Rubber. Best quality. $2.50 each.

BAGS, Paper. For forcing grapes. 50 cts. per 100.

BROOMS. Best grade of reed. $1.35 each.

BULL DOG CLIPS. For fastening paper. 75 cts. per 1000.

BULL DOG STAPLES. $1.25 per 1000.

BURLAP, for shading and protection.
36-in. width, 13 cts. per yard.
48-in. width, 15 cts. per yard.
72-in. width, 20 cts. per yard.

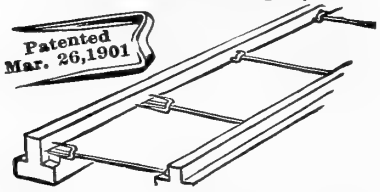
GLASS CLEANER, Skybrite. $3.25 per gal.

GLASS CUTTER, Red Devil. 25 cts. each.

FUMIGATOR LAMPS, Glass. Small size, 35 cts. each.

GLAZING COMPOUND, Garlanite. Gal. $2.00; 5 gals. $9.00; 15-gal. drum $25.00.
Mastica. Gal. $2.50; 5 gals. $12.00.
Machine for applying Mastica, $3.00.

PEERLESS GLAZING POINT.
(Improved Van Reyper.)



GLAZING POINTS, Peerless. Nos. 1, 2, 2½. 75 cts. per 1000; $3.50 for 5000.
Siebert's. Zinc style. ⅝- and ⅞-in. Lb. 50 cts.; 5 lbs. $2.25.

GREENHOUSE SHADING.
Green. Liquid. 1-gal. can, $4.00.
White. Powder. 5-lb. bag, $1.00.

HOTBED MATS. Keep frost and severe cold out of frames. One side waterproof, other side heavy burlap.

	Each	Doz.
40 x 78 in.	$2 00	$22 50
78 x 80 in.	4 00	45 00

No. 5400

No. 5452

No. 5981

HOTBED SASH. Best grade cypress, strongly constructed, with wood horns for easy handling. Iron crossbar. Size 3 ft. x 6 ft. x 1⅜ in.; 3 rows.

	Each	Doz.
Unglazed and unpainted	$3 25	$30 00
Glazed and painted (2 coats)	6 00	70 00

PAPER, Green Wax. $3.25 per ream.
White Wax. $2.50 per ream.

PLANT TIES. $2.50 per 1000.

PUTTY BULBS. For applying putty. $1.35 each.

STAKE FASTENERS, Everlasting. $4.50 per 1000.

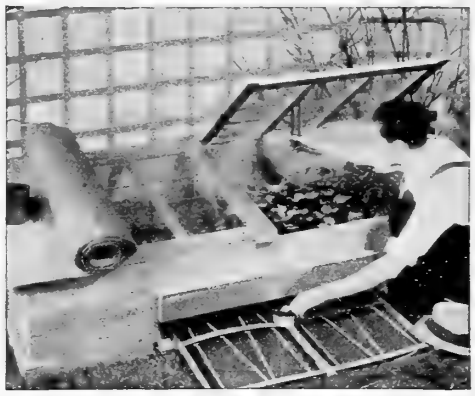
SYRINGES, BRASS GREENHOUSE.
A 101. Barrel 12 in. long; diam. 1 in. $4.25.
A 102. Barrel 16 in. long; diam. 1½ in. $6.00.
A 110. Barrel 18 in. long; diam. 1½ in. $10.00.

THERMOMETERS.

No. 5400. 8-in.; black case	$1 50
No. 5400. 10-in.; black case	1 65
No. 5400P. 10-in.; copper case	2 25
No. 5154S. 7-in.; copper case	85
No. 5452. Self-registering; brass	6 50
No. 5454. Self-registering; black	4 00
No. 5400PS. 10-in.; copper case	2 25
No. 5420S. 8-in.; black case	1 00
No. 5981. 16-in.; for hotbeds	2 75

TIN FOIL. Lb. 30 cts.; 5 lbs. $1.25.

TWINE, Best Yet. 1-lb. box, $1.25.
Binder. Ball 90 cts.; bale (10 balls) $7.50.
Braid. Small tube $2.00; large tube $2.50.
Jute, 3-Ply. For tying plants. ½-lb. ball 25 cts.
Sea Island, Green. Lb. $1.25.
Silkaline. F.F. grade. Spool 25 cts.; 1-lb. box (8 spools) $2.50.
White Cotton. For vegetable buncher. Lb. 70 cts.; 10 lbs. $6.50.



Westinghouse Automatic Electric Hotbed Heater

Price complete $9.95

This Heater consists of an open-loop, nickel chromium alloy heating element, mounted in a light rust-resisting steel frame with a "Built-in Watchman Thermostat." It is impervious to moisture, giving complete temperature control over 20 to 30 square feet of hotbed. The open-loop heating element transmits heat evenly to all corners of the bed, raising the temperature from 50° to 100°F. at wish, and thus insures an even germination of seeds and sturdy growing plants weeks ahead of the outdoor growing season.

The heaters are shipped ready for use with 3 feet of rubber-covered cable and a standard plug attached. To start, merely place heater in position and plug in. Operates on either alternating or direct current.

Descriptive circular on request

Electric Thermostat

The watch-dog for every greenhouse. Prevents a cold snap catching you unawares, that might cost the entire crop. An automatic alarm rings when the temperature goes above or below a given point.

No. GH3. Not waterproof style. $11 00
No. GH4. Waterproof style. 17 50

Krick's Flower-Pot Hanger

The best Pot Hanger on the market.
No. 1 fits 3½- to 5-in. pots. 5 cts. each; 50 cts. per doz.
No. 2 fits 6 to 8-in. pots. 6 cts. each; 60 cts. per doz.
No. 3 fits 9 to 12-in. pots. 7 cts. each; 70 cts. per doz.

Control Damping-Off

USE FORMALDEHYDE DUST

Damping-Off is a common and very destructive disease of seedlings when grown under glass. Treating the soil with Formaldehyde Dust 3 to 5 days previous to transplanting and then watering will thoroughly disinfect the soil. ½ lb. 45 cts.; lb. 75 cts.; 5 lbs. $2.00.

Use Plant Stakes for tall-growing plants in the flower garden

Flower Pots

FLOWER POTS—CLAY

Standard Flower Pots.

Inside top diam.	Each	Doz.	100
2½-in.	$0 03	$0 25	$1 75
3-in.	03	30	2 25
4-in.	06	55	3 50
5-in.	09	90	6 25
6-in.	13	1 25	8 75
7-in.	21	2 10	14 50
8-in.	30	3 00	21 00
9-in.	45	4 50	31 50
10-in.	60	6 00	42 50
11-in.	1 00	10 00	
12-in.	1 25	12 35	

Bulb or Azalea Pots.
Sizes 4- to 12-in. Prices same as above.

Flower-Pot Saucers.	Each	Doz.	100
For 4-in. pots	$0 04	$0 40	$2 65
For 5-in. pots	05	50	3 45
For 6-in. pots	07	70	4 85
For 7-in. pots	10	1 00	7 25
For 8-in. pots	15	1 45	10 25
For 9-in. pots	19	1 90	13 10
For 10-in. pots	30	3 00	
For 11-in. pots	35	3 75	
For 12-in. pots	45	4 50	

Low Pans for Seedlings.	Each	Doz.	100
5-in.	$0 09	$0 90	$6 25
6-in.	13	1 25	8 75
7-in.	21	2 10	14 50
8-in.	30	3 00	21 00
9-in.	45	4 50	31 50
10-in.	60	6 00	42 50
11-in.	1 00	10 00	
12-in.	1 25	12 35	

Fern-Dish Linings.	Each	Doz.
4 x 2½ in.	$0 13	$1 25
5 x 2½ in.	16	1 60
6 x 2⅝ in.	19	1 85
7 x 2⅞ in.	22	2 15
8 x 2⅞ in.	31	3 10

Orchid Pots.	Each	Doz.
5-in.	$0 45	$4 15
6-in.	50	5 10
7-in.	65	6 40
8-in.	75	7 70
9-in.	1 00	10 00
10-in.	1 45	14 40

Round Seed-Pans.	Each	Doz.
9-in.	$0 70	$6 75
12-in.	1 45	14 25

PAPER FLOWER POTS—NEPONSET

Very economical. Waterproof. Can be nested closely for shipping.

	Doz.	100	1000
2½-in.	$0 15	$0 75	$6 00
3-in.	20	90	7 00
4-in.	25	1 25	10 50
5-in.	30	1 75	14 00
6-in.	35	2 00	17 75

EVER-READY FLOWER-POT COVERS

Specify if for Standard or Azalea Pots.

	Each	Doz.
For 5-in. pots	$0 20	$2 00
For 6-in. pots	25	2 50
For 7-in. pots	30	2 75
For 8-in. pots	35	3 25

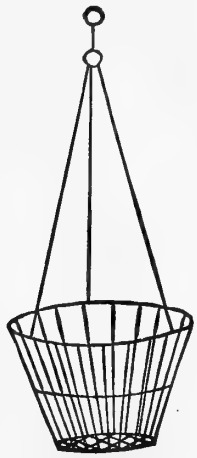
WATERPROOF PLANT BOXES

For early plants, start your seed indoors in Waterproof Plant Boxes. Made of heavy press board, each box containing 12 folding 2-inch pots. Size 8½ x 6 inches, fitting nicely in a sunny window.

1 box with 12 pots	$0 15
12 boxes with 144 pots	1 50

Hanging-Baskets, Plant Tubs, Etc.

HANGING-BASKETS



	Each	Doz.
8-in.	$0 35	$3 25
10-in.	40	4 00
12-in.	45	4 50
14-in.	50	5 00
16-in.	60	6 00
18-in.	80	8 00

VIRGINIA CEDAR PLANT TUBS

Painted green; with galvanized electric-welded wire hoops.

If wanted with handles, add 20 cents to price of each tub.

	Diam. inside top	Diam. inside bottom	Depth inside	Each
No. 2.	7-in.	5-in.	7-in.	$0 65
No. 3.	8-in.	6-in.	8-in.	70
No. 4.	9-in.	7-in.	9-in.	80
No. 5.	10-in.	7½-in.	9-in.	90
No. 6.	11-in.	8½-in.	10-in.	1 20
No. 7.	12-in.	9-in.	11-in.	1 40
No. 8.	13-in.	10-in.	12-in.	1 75
No. 9.	14-in.	11-in.	13-in.	2 00
No. 10.	15-in.	11½-in.	14-in.	2 20
No. 11.	16-in.	12½-in.	15-in.	2 45
No. 12.	17-in.	13½-in.	16-in.	2 85
No. 13.	18-in.	14½-in.	17-in.	3 60
No. 14.	19-in.	15½-in.	18-in.	4 10

Beckert's Seeds

Plant Stakes and Supports

Bamboo Cane. Natural Color.	100	1000
5-ft.	$1 25	$10 00
6-ft.	1 50	12 50
7-ft.	1 75	15 00
8-ft.	2 25	20 00
9-ft.	2 50	22 50
10-ft.	3 00	27 50
11-ft.	3 50	30 00
12-ft.	3 75	32 50

Japanese, Dyed Green.	Doz.	100	1000
1½-ft.	$0 10	$0 50	$3 00
2-ft.	15	55	3 25
2½-ft.	17	65	4 25
3-ft.	20	75	4 50
3½-ft.	20	85	5 50
4-ft.	25	1 00	8 00
5-ft.	25	1 25	10 00

Split.	100	1000
12-in. Dyed green	$0 35	$2 25
18-in. Dyed green	40	2 50
22-in. Dyed green	50	3 00

Chinese Tonkins.	Doz.	100
5-ft.	$0 85	$4 50
6-ft.	90	5 00
7 ft.	1 00	6 00

Hyacinth.	100	1000
12-in. Painted green	$0 40	$2 75
18-in. Painted green	50	3 00

Bean Poles. Cypress wood, square, unpainted.	Doz.	100
4-ft.	$0 85	$5 00
5-ft.	1 00	6 00
6-ft.	1 15	7 00

Wooden Round Tapering. Light weight.	Doz.	100
1½-ft.	$0 30	$2 00
2-ft.	50	3 75
3-ft.	90	6 50
4-ft.	1 25	9 00
5-ft.	1 65	12 00

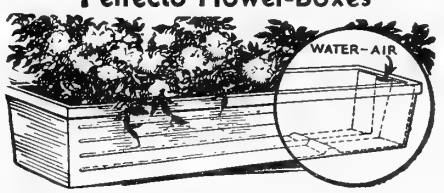
Heavy Wooden or Dahlia.	Doz.	100
3-ft.	$1 50	$10 00
4-ft.	1 80	13 00
5-ft.	2 35	17 00
6-ft.	3 00	22 00

Galvanized Wire.	Doz.	100	1000
2-ft.	$0 25	$1 25	$9 00
3-ft.	35	1 75	13 00
4-ft.	40	2 00	16 50
5-ft.	50	2 50	20 00

Square Stakes with Rattan.	Doz.	100
3-ft. with 3-ft. rattan	$1 25	$9 00
4-ft. with 4-ft. rattan	1 50	10 00
5-ft. with 5-ft. rattan	1 75	12 00

Extra rattan, 2 cts. per foot.

Perfecto Flower-Boxes



PERFECTO FLOWER-BOXES

6 in. wide; 7 in. deep.

	Each
20 in. long	$1 00
26 in. long	1 25
32 in. long	1 75
38 in. long	2 25

Remedies for Insects and Fungus

PRICES SUBJECT TO CHANGE

All items marked with an asterisk (*) can be sent only by Express or Freight as they are not mailable
All other items can be mailed, provided sufficient postage is included with your order

For Aphis, Mealy Bugs, Thrips, Red Spiders, and Other Chewing and Sucking Insects

All-Around Spray. One product for all purposes; contains Arsenate of Lead, Black-Leaf 40, and Bordeaux Mixture. ¼-lb. can 35 cts.

***Arsenate of Lead Powder.** Has all the advantages of Arsenate of Lead Paste, but goes twice as far and is easier to handle. ½lb. 20 cts.; lb. 35 cts.; 4-lb. bag 85 cts.; 24-lb. carton in 4-lb. bags $3.75; 100 lbs. $12.50.

***Black-Leaf 40 (Nicotine-Sulphate).** *40 per cent nicotine guaranteed.* Highly recommended by experiment stations and by spraying experts throughout the United States. The standard contact insecticide for spraying vegetables, fruits, flowers, and plants to destroy aphis, thrips, leaf-hoppers, and similar "sucking" insects. Also effective for dipping purposes. 1-oz. bottle 35 cts.; 5-oz. bottle $1.00; 1-lb. bottle $2.25; 2-lb. tin $3.25; 5-lb. tin $5.85; 10-lb. tin $10.60.

Bug Death. A fungicide, insecticide, and plant-food combined. Apply with duster or powder gun. Lb. 20 cts.; 3-lb. pkg. 50c.

Calcium Arsenate. Will effectively control Mexican bean beetle. 1-lb. can 25 cts.; 4-lb. pkg. 65 cts.; 24-lb. carton in 4-lb. bags $3.00; 100 lbs. $10.00.

Dutox. A safe, sure, non-arsenical control that is effective on the Mexican bean beetle and other leaf-eating insects. 1-lb. bag 35 cts.; 6-lb. bag $1.50.

Ever Green Plant Spray. *New.* Simple way to kill garden insects. No complicated instructions. Simply mix with water and spray. This pyrethrum spray kills both chewing and sucking insects. Harmless to man, plants, and animals. 1-oz. bottle 35 cts.; 6-oz. can $1.00; 16-oz. can $2.00; gal. $11.00.

***Hellebore.** Will destroy currant worms and other soft-shelled insects that infest the garden. ½lb. 30 cts.; lb. 50 cts.

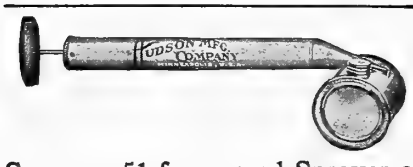
***Lethane "440."** A new synthetic insecticide from which positive results are assured when used as per directions. It kills the insects and destroys the eggs of aphis, mealy bug, red spider, etc. Economical to use on account of its high dilution. 2-oz. bottle 35 cts.; 6-oz. bottle $1.00; qt. $3.00; gal. $8.50.

***Naphthalene Flakes.** Used for dusting over gladiolus and other bulbs to control thrip. Lb. 25 cts., 5 lbs. $1.00.

***Paris Green.** More extensively used for killing potato bugs than any other poison. ¼lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50.

***Pomo-Green with Nicotine.** A leaf-green all-in-one dust or spray which controls chewing and sucking insects. Effective also for black-spot and mildew. 1-lb. can 75 cts.; 5-lb. can $3.00.

Red Arrow Pyrethrum Powder. The highest quality of Pyrethrum in powder form. Non-poisonous and harmless to leaf or flower. Lb. 50 cts.; 5 lbs. $2.25.



See page 51 for a good Sprayer or Duster for applying Insecticides

It is of the utmost importance that the proper remedy or control be selected to combat the various insect pests and fungi which attack the growing crops and infest the soil. To assist you in making the correct selection for your particular needs, we classify our list of Insecticides, Fungicides, etc., under separate headings which show the various purposes the different kinds should be used for.

***Pyrox.** The one best spray for the control of both chewing insects and fungous diseases. Easy to use—simply mix with cold water and spray. Sticks to foliage and increases yield. Use on truck crops, fruits, potatoes, etc. 5 lbs. $1.75; 10 lbs. $3.00; 25 lbs. $5.00; 50 lbs. $7.25; 100 lbs. $12.50.

***Pyrox Nicotine.** A special new spray which performs all the regular Pyrox functions and has an additional advantage in that it kills sucking insects—like aphis. It is the first truly complete spray—an indispensable item for successful gardening—for vegetables, small fruits, and flowers. 10-oz. jar (makes 2 gals. spray) 40 cts.; 1-lb. jar 50 cts.; 5 lbs. $1.75; 10 lbs. $3.00.

Red Arrow Non-Poisonous Insect Spray (Pyrethrum Soap). The safe, pleasant spray to use. Effective on chewing and sucking insects. Safe because it is harmless to children, adults, domestic animals and useful wild bird-life. Safe, also, because it does not injure or stain flowers or foliage. Safe to use on fruits and vegetables before marketing. 1-oz. bottle 35 cts.; 4-oz. can $1.00; 1-pt. can $2.50; 1-qt. can $4.00; 1-gal. can $12.00.

Rotecide Spray. A non-poisonous insecticide containing the newly developed Rotenone extract tested by the U. S. Department of Agriculture. When used as directed it is effective in combating both sucking and chewing insects. 1-oz. bottle 35 cts.; 8-oz. bottle $1.00; pt. $1.75; qt. $3.00; gal. $8.00.

Rotecide Dust. 75 per cent Rotenone. The standard Rotenone dust recommended by the U. S. Department of Agriculture as highly efficient and non-poisonous to humans, animals, or bird-life. Controls bean beetle, leaf-hopper, and thrips. 1-lb. carton 35 cts.; 5-lb. bag $1.00; 25 lbs. $4.50; 100 lbs. $16.00.

***Selocide.** A powerful new killing insecticide that controls red spider in one application; also kills their eggs and does not harm tender plants when used according to directions. Dilute 1 part to 49 parts of water. Gal. $3.25; 5 gals. $12.00.

Slug-Shot. Standard remedy for cabbage and currant worms, rose slugs, etc. 1-lb. carton 25 cts.; 5 lbs. $1.00; 25 lbs. $4.00.

Soap, Fish-Oil. Destroys soft-shelled insects on plants, trees, and in the greenhouse. Lb. 35 cts.; 5 lbs. $1.25.

Soap, Getz There. For washing palms and spraying tender plants. 8-lb. can $1.50.

Soap, Red Arrow Spreader. Highly efficient when used as a spreader for insecticides, except those containing arsenic. 1-gal. can $1.75; 5-gals. $8.25.

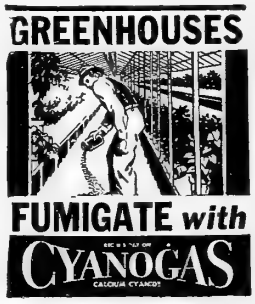
Tobacco Dust, Fine. For green and black aphis, flea-beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Lb. 15 cts.; 5 lbs. 50 cts.; 25 lbs. $1.50; 100 lbs. $4.00.

Tree Tanglefoot. A sticky paste applied to tree-trunks to keep caterpillars, etc., from crawling into the trees. 6 ozs. 35 cts.; lb. 65 cts.; 5 lbs. $3.00; 10 lbs. $5.65; 25 lbs. $12.00.

Volck, Nursery. Especially adapted to nursery, greenhouse, and shade-tree spraying. Controls sap-sucking insects such as scales, mites, mealy bugs, white flies, etc. 3½-oz. bottle 35 cts.; pt. 50 cts.; qt. 75 cts.; gal. $2.00; 5 gals. $7.50.

Wilson's O.K. Plant-Spray. Powerful and efficient spray for indoors and outdoors. Destroys aphis, red spider, lace-wing fly, and other soft-bodied insects. Qt. $1.00; gal. $3.00; 5 gal. $12.00; 30 gals. $57.00; 50 gals. $90.00.

***X.L.-All Liquid.** An excellent preparation for spraying mealy bug, red spider and other insect pests. Pt. $1.50; qt. $2.50; ½gal. $4.50.



Greenhouse Fumigants

***Cyanogas ("G" Grade).** This effective chemical is used for fumigation of greenhouse and nursery stock, rodent control, and orchard dusting. 5 lbs. $3.00; 25 lbs. $10.00.

Fume Tobac. 2 per cent Nicotine. Greenhouse fumigant which lights quickly and fills the greenhouse with thick, dense fumes. 25-lb. keg $5.00.

Nicofume Powder. New-type pressure can which gives greater efficiency and economy in fumigating. ½-lb. can 45 cts.; case (12 cans) $4.20; 1-lb. can 75 cts.; case (12 cans) $7.00.

***Nicofume Liquid.** For spraying and vaporizing. Lb. $2.25; 4 lbs. $5.75; 8 lbs. $10.00.

Nicofume Paper. Strips of paper, strongly saturated with nicotine, which, when burned, give off heavy nicotine fumes. Box of 24 sheets $1.25; 144 sheets $4.50.

Tobacco Dust, Coarse. Lb. 15 cts.; 5 lbs. 50 cts.; 25 lbs. $1.25; 100 lbs. $3.50.

Tobacco Stems. Used for fumigating and as a fertilizer. Bales (about 250 lbs.) $2.50; ton $17.50.

***White Fly Vapor.** An English preparation that is a sure cure for white fly. To be used with caution. Qt. $2.50.

***X. L.-All Fumigator.** A powerful nicotine solution for fumigating under glass. Use 1 pint for 40,000 cubic feet. Pt. $2.75; qt. $5.00.

Formaldehyde Dust will control the damping-off of seedlings

REMEDIES FOR INSECTS AND FUNGUS, continued

Fungicides

***Bordeaux, Dry.** Add 1 pound to 5 gallons of liquid. Full directions on package. 1-lb. carton 30 cts.; 4-lb. bag 75 cts.; 24-lb. carton in 4-lb. bags $3.25; 100-lb. bag $12.00.

***Copper Solution.** A preventive for black-rot, brown-rot, and downy mildew of the grape, pear leaf-blight, tomato black-rot, carnation rust, etc. Qt. $1.50; gal. $4.60.

***Copper Sulphate** (Bluestone). An ingredient used in making home-made Bordeaux Mixture. Lb. 20 cts.; 5 lbs. 65 cts.; 25 lbs. $2.00; 100 lbs. $6.50.

Formaldehyde Dust. A seed- and soil-treating compound which controls seed-borne diseases and when applied to the soil, controls the damping-off of seedlings. ½-lb. can 45 cts.; 1-lb. can 75 cts.; 5-lb. can $2.00; 25-lb. drum $5.50.

***Fungtrogen.** A preventive treatment for mildew, black-spot and other fungous diseases of Roses, Phlox and Delphinium. ½pt. 75 cts.; pt. $1.25; qt. $2.00; gal. $6.00.

Grape and Rose Dust. For mildew, mold, and rust. Lb. 40 cts.; 5 lbs. $1.50.

***Pyrox Nicotine.** Spray for the control of chewing insects and fungous diseases. Mix with cold water and spray. Sticks to foliage and increases yield. Use on truck crops, fruits, potatoes, etc. 10-oz. jar 40 cts.; 1-lb. jar 50 cts.; 5 lbs. $1.75; 10 lbs. $3.00.

***Semesan.** A mercurial fungicide which hastens and increases seed-germination, also controls seed-borne and soil diseases such as rotting and damping-off. 2 ozs. 50c.; lb. $2.50; 5 lbs. $11.75; 25 lbs. $46.25.

Sulfocide. A very effective liquid sulphur fungicide used for control of blight, rot, mildew, and various fungous diseases in flower and vegetable gardens, apple scab and brown peach rot in orchard practice. Dilution 1 to 200. Pt. 50 cts.; qt. 85 cts.; gal. $2.25; 5 gals. $7.50.

Sulphur. For mildew on plants, etc. Lb. 15 cts.; 5 lbs. 50 cts.; 100 lbs. $4.00.

Terogen. Valuable autumn soil-treatment which will work wonders with your roses. Give your roses a better start next year. 1-lb. can 75 cts.; 5-lb. can $2.75.

Tri-ogen (Rose-Garden Spray). A triple-acting spray controlling practically all insects and fungus in the rose-garden. Small kit $1.50; medium kit $4.00; estate kit $20.00.

Soil and Seed Sterilizers

***Ceresan.** Inexpensive treatment for barley, oats, and wheat which assures protection against blight and smut losses. Lb. 75 cts.; 5 lbs. $3.00.

***Dichloricide** (Para-Dichlorobenzene). Very highly recommended for killing peach-tree borers. Lb. 60 cts.; 5 lbs. $2.50.

Formaldehyde Dust. A seed and soil-treating compound which controls seed-borne diseases and, when applied to the soil, controls the damping-off of seedlings. ½-lb. can 45 cts.; 1-lb. can 75 cts.; 5-lb. can $2.00; 25-lb. drum $5.50.

Mowrah Meal. The most effective worm-eradicator on the market for ridding the soil of worms in the lawn, garden, or greenhouse. Apply ½ pound to a square yard. 5 lbs. 75 cts.; 25 lbs. $2.25; 100 lbs. $6.50; 1000 lbs. $57.50.

***Naphthalene Flakes.** Used for dusting over gladiolus and other bulbs to control thrip. Lb. 25 cts.; 5 lbs. $1.00.

***Semesan.** A mercurial fungicide which hastens and increases seed-germination, also controls seed-borne and soil diseases such as rotting and damping-off. 2 ozs. 50 cts.; lb. $2.50; 5 lbs. $11.75; 25 lbs. $46.25.

***Semesan Jr.** A valuable treatment for seed corn, destroying disease organisms on the seed and preventing it from rotting in the soil. Use 2 ounces to a bushel. 4 ozs. 35 cts.; lb. $1.00; 5 lbs. $4.75; 25 lbs. $23.25.

Snarol. Snails, cutworms, slugs, grasshoppers, sow-bugs, ear-wigs, etc., are exterminated. Snarol is ready prepared meal that you simply broadcast on the ground, under the vegetation. The pests eat the meal and are quickly destroyed. 1½-lb. pkg. 35 cts.; 4 lbs. 85 cts.; 15 lbs. $3.00.

***To-Na-Cide.** A practical, dependable treatment for soil infested with insects injurious to root-activity of plants, such as thrips, wireworms, and earthworms. 5 lbs. $1.50; 25 lbs. $5.00.

Vermine. Controls eel, cutworms and wire-worms working in the soil. Pt. 65 cts.; qt. $1.00; gal. $3.00.

Dormant Sprays

***Bordeaux, Dry.** Add 1 pound to 5 gallons of liquid. Full directions on package. 1-lb. carton 30 cts.; 4-lb. bag 75 cts.; 24-lb. carton in 4-lb. bags $3.25; 100-lb. bag $12.00.

***Lime-Sulphur, Liquid.** Strictly a dormant spray and should not be applied while the trees are in leaf. For all ordinary spraying should be diluted with 8 to 9 gallons of cold water to 1 gallon of the Lime-Sulphur solution. Qt. 45 cts.; gal. 90 cts.; 5 gals. $3.25; 30-gal. bbl. $7.75; 50-gal. bbl. $11.00. Bbls. not returnable.

Lime-Sulphur, Powder. Used for the same purpose and has the same effectiveness as the liquid form and is much easier to handle. Lb. 35 cts.; 5 lbs. $1.50; 10-lb. bag $2.00; 25-lb. bag $4.00; 100-lb. drum $11.50.

Scalecide. A complete dormant spray of highest quality of miscible oil, noted for its effectiveness against San Jose scale and all other scale insects, which winter on trees. Qt. 65 cts.; gal. $1.55; 5 gals. $5.50; 15-gal. drum $11.25 (drum $2.00 extra); 30-gal. drum $18.50 (drum $2.50 extra); 50-gal. drum $26.00 (drum $3.00 extra). Drum cost refunded when returned prepaid to Pratt Co., Hackensack, N. J.

Soap, Fish-Oil. Use for mild forms of scale while the plants and trees are dormant. Useful also for washing off palms, etc., infested with soft-shelled insects. Lb. 35 cts.; 5 lbs. $1.25.

Volck, Nursery. Especially adapted to nursery, greenhouse, and shade-tree spraying. Controls sap-sucking insects such as scales, mites, mealy bugs, white flies, etc. 3½-oz. bottle 35 cts.; pt. 50 cts.; qt. 75 cts.; gal. $2.00; 5 gals. $7.50.

Dendrol Dormant Spray Oil. An improved miscible oil for dormant spraying of fruit and shade trees and shrubbery. Costs less—2 gallons of Dendrol to 98 gallons of water will kill San Jose and other scale insects, also aphis and mites. Qt. 65 cts.; gal. $1.50; 5 gals. $5.50; 15 gals. $11.25; 32-gal. drum $18.00 (drum $1.50 extra); 54-gal. drum $27.00 (drum $2.25 extra). Drum charge is refunded when returned to factory, freight prepaid.

Just mix

Pyrox

with water—and spray

Miscellaneous

Asparagus Salt. Used on asparagus beds to keep down the weeds. 5 lbs. 25 cts.; 25 lbs. 75 cts.; 100 lbs. $2.00.

Ant Killer, Antrol. Safe around children and pets. Kills the ants in the nest. Set of 4 containers with Antrol 40 cts.

Ant Killer, Terro. Are you bothered with ants? Terro Ant Killer will rid your place of ants in 24 hours. Small bottle 25 cts.; large bottle 50 cts.

Cro-Tox. Seed treated with Cro-Tox acts as a repellent to seed-pulling birds and rodents. Small can (treats 1 bus.) 60 cts.; large can (treats 2 bus.) $1.00.

***Cyanogas ("A" Grade).** A poisonous powder which gives off gas which exterminates moles, ground-hogs, ground squirrels, rats, and field-mice. Lb. 75 cts.; 5 lbs. $3.00.

Dogzoff. Keeps dogs away from trees, shrubs, and ornamentals. Large bottle will last an entire season; safe and harmless. Bottle 60 cts., postpaid 69 cts.

Fly Spray, Bonide. Kills flies, mosquitoes, bedbugs, moths, fleas, and roaches. Pt. 40 cts.; qt. 75 cts.

Stock Spray, Zit. A guaranteed cattle spray that will not burn or blister, or taint the milk. Gal. $1.25.

Grafting Wax. ¼lb. 15 cts.; ½lb. 25 cts.; lb. 45 cts.

Kayso. Combined casein spreader and adhesive. Reduces the waste of spray material. 2 lbs. 50 cts.; 10 lbs. $2.00; 100 lbs. $17.50.

Roach Killer, Terro. Used according to directions is a sure kill for roaches and water-bugs. 4-oz. carton 35 cts.

Sanaseed Mouse Killer. Quick and sure. No fuss, no muss. Pkt. 25 cts.

Topzol Rat Bait. Ready for instant use; no mixing. Pkg. 15 cts.; doz. $1.50.

Tree Wound Dressing. A stiff pine-tar paint used to form a protective coating over fresh cuts after pruning, or any damage that may occur to trees. Pt. 40 cts.; qt. 75 cts.; gal. $2.50.

***Weed Killer, Holmerdens.** Will kill all noxious weeds in driveways, paths, tennis courts, etc. Dilute 1 part to 30 to 40 parts of water; use with care as it will also kill grass. Qt. 50 cts.; gal. $1.50; 5 gals. $6.50; 55-gal. drum $55.00.

Weed Killer, Powder. A powder that when dusted over the lawn kills off weeds and at the same time stimulates the grass to more luxuriant growth. Use 1 pound to 100 square feet. 3-lb. can 90 cts.; 25-lb. bag $3.75.

Dendrol Dormant Spray Oil Is Dependable Uniform and Economical

Fertilizers

Fertilizers purchased in lots of 100 pounds or over are delivered free at prices quoted below, to your residence, if same is within our local delivery zone, which see on page 64. Fertilizers to be sent by freight are 25 cts. per 100 lbs. lower than quoted price

PRICES SUBJECT TO MARKET CHANGES

Adco. The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc., at the rate of 2 pounds to each wheelbarrow load of refuse will produce a clean, odorless manure within three or four months. 25-lb. bag $2.00; 150-lb. bag $10.50.

Aluminum Sulphate. Makes soil acid, and for this purpose is much used in the culture of rhododendrons and similar plants. Use ½ pound per square yard. Lb. 20 cts.; 5 lbs. 75 cts.; 25 lbs. $2.00; 100 lbs. $6.00.

Ashes, Unleached Hardwood. A splendid stimulant, fertilizer and sweetener, particularly for lawns. Apply in fall or early spring, 1500 to 2000 pounds to the acre.

100 lbs.	$3 00	1000 lbs.	$22 00
500 lbs.	11 75	2000 lbs.	42 00

Bonemeal, Pure Raw, No. 1. Highest grade. Contains nothing but pure raw animal bone. Vastly superior to steamed bone. Ammonia 4½ to 6 per cent; phosphoric acid 22 to 24 per cent, equal to bone phosphate 48 to 52 per cent.

5 lbs.	$0 30	100 lbs.	$3 50
10 lbs.	50	500 lbs.	14 25
25 lbs.	1 10	1000 lbs.	27 00
50 lbs.	2 00	2000 lbs.	53 00

Bonemeal Flour. Finest grade of Bonemeal made. Ground as fine as flour. Used in potting soil and in the greenhouse on carnations. Ammonia 4.50 per cent, phosphoric acid 25.58 per cent, bone phosphate 50 per cent.

100 lbs.	$4 50	1000 lbs.	$36 00
500 lbs.	18 50	2000 lbs.	70 00

Clay's Fertilizer. The most widely used complete fertilizer imported from England. Used mainly in the greenhouse.

7 lbs.	$1 50	56 lbs.	$7 50
14 lbs.	2 50	112 lbs.	13 00
28 lbs.	4 25		

Cottonseed Meal. Rich in nitrogen and potash. Suitable for grain crops, but most largely used on lawns. Use ¾ to 1½ tons per acre. Please write for prices.

Driconure. A peat-moss cow-manure bedding, dehydrated and free of weed seeds. Purely organic, it contains all the vitalizing elements of fresh cow-manure and peat moss in readily available form. Packed in 3½-bus. (50-lb.) bags. 50 lbs. $2.50; 250 lbs. $12.00.

Dried Blood. Contains nitrogen in the most available form. Gives quick results. Lb. 15 cts.; 10 lbs. $1.00; 100 lbs. $7.00.

Floranid (Urea). A very rich nitrogen fertilizer in which the nitrogen is in the same form as a liquid manure. Twenty-two pounds of Floranid contains as much nitrogen as a ton of manure.

		Postpaid
1 lb.	$0 25	$0 35
5 lbs.	90	1 05
10 lbs.	1 50	1 70
25 lbs.	2 75	
50 lbs.	4 75	
100 lbs.	9 00	

F. & I. Tobacco Base Fertilizer. "The Wonder Worker of the florist trade."

100 lbs.	$3 50	1000 lbs.	$28 50
500 lbs.	15 00	2000 lbs.	55 00

Horn Shavings. Rich in ammonia and valuable for use in mixing in potting soil especially for chrysanthemums.

1 lb.	$0 15	50 lbs.	$4 00
25 lbs.	2 25	100 lbs.	7 50

Humus. Valuable for incorporating into poor soils to improve the texture and increase the moisture-holding properties. Does not contain a high percentage of plant-food. For best results, cover the ground 1 to 2 inches with Humus and spade in.

25 lbs.	$0 60	500 lbs.	$7 50
50 lbs.	1 10	1000 lbs.	13 50
100 lbs.	2 00	2000 lbs.	25 00

Prices on Humus in bulk, quoted on request.

Lime, Hydrated. For lawns or field use, very finely pulverized.

10 lbs.	$0 25	500 lbs.	$5 00
50 lbs.	75	1000 lbs.	9 00
100 lbs.	1 25	2000 lbs.	17 00

Milorganite. Has a high nitrogen content which makes it valuable for lawn purposes. Produces sturdy growth of rich, green grass.

100 lbs.	$3 00	1000 lbs.	$23 00
500 lbs.	12 00	2000 lbs.	45 00

Muriate of Potash. 48 per cent K_2O.

1 lb.	$0 15	100 lbs.	$3 50
10 lbs.	1 00	1000 lbs.	27 00

Nitrate of Soda. 15 per cent nitrogen. Supplies nitrogen to soil. Should be applied with a filler or as a liquid. Use 200 to 500 pounds per acre.

1 lb.	$0 15	100 lbs.	$3 25
5 lbs.	50	500 lbs.	13 50
10 lbs.	85	1000 lbs.	26 00
25 lbs.	1 25	2000 lbs.	49 00

Nitrophoska. 15–30–15. 15 per cent nitrogen; 30 per cent available phosphoric acid. 15 per cent potash. A wonderful fertilizer for lawns, shrubbery, flowers and vegetables. "A little goes a long way." A 10-lb. package is enough for 1000 square feet.

1 lb.	$0 25
5 lbs.	90
10 lbs.	1 50
25 lbs.	2 75
50 lbs.	3 75
100 lbs.	6 50

Peat Moss. See page 61.

Sheep Manure. See page 61.

Shredded Cattle Manure.

100 lbs.	$3 00	1000 lbs.	$22 00
500 lbs.	12 00	2000 lbs.	42 00

Soot, Imported Scotch. Will produce color in greenhouse plants; also very effective against grubs and worms. Lb. 20 cts.; 10 lbs. $1.50; 100 lbs. $7.50.

Stim-U-Plant. A concentrated and quickly available plant-food in tablet form. Pkg. of 30 tablets 25 cts.; 100 tablets 75 cts.; 1000 tablets $3.50.

Sulphate of Ammonia.

1 lb.	$0 15	100 lbs.	$3 50
10 lbs.	75	1000 lbs.	27 00

Superphosphate. (16 per cent.) For grains, grasses, and corn. (In 125-lb. bags.)

125 lbs.	$2 50	1000 lbs.	$13 50
500 lbs.	8 00	2000 lbs.	25 00

Sutton's Simplex Fertilizer. Used primarily as a greenhouse plant-food. Its employment will develop unrivaled blooms, strong, healthy foliage, and the flowering period will be extended through increased vigor of the plant. 50 lbs. $8.00; 100 lbs. $15.00.

Vigoro. See page 61.

"Big Crop" Complete Fertilizers

Big Crop—5-10-5. For truckers.

125 lbs.	$3 50	1000 lbs.	$22 00
500 lbs.	12 00	2000 lbs.	42 00

Big Crop—2-9-5. For corn.

125 lbs.	$3 00	1000 lbs.	$18 00
500 lbs.	10 00	2000 lbs.	34 00

Big Crop—4-8-7. For potatoes.

125 lbs.	$3 25	1000 lbs.	$20 00
500 lbs.	11 00	2000 lbs.	38 00

Big Crop—4-12-4. For truckers.

125 lbs.	$3 50	1000 lbs.	$22 00
500 lbs.	12 00	2000 lbs.	42 00

Big Crop—4-16-4. For corn.

125 lbs.	$3 75	1000 lbs.	$23 00
500 lbs.	12 50	2000 lbs.	44 00

Limestone, Raw, Pulverized.

80 lbs.	$0 90	960 lbs.	$6 00
480 lbs.	3 60	2000 lbs.	12 00

Lōma

REG. U. S. PAT. OFF.

The best thing on earth for lawns and gardens

1 lb.	$0 10	25 lbs.	$1 50
5 lbs.	45	50 lbs.	2 50
10 lbs.	85	100 lbs.	4 00

Prices on larger quantities on request.

Fertilization Hints

Lawns. A complete fertilizing cycle to secure perfect lawns is to apply a complete fertilizer such as 5–10–4 or 4–12–4 in early spring at the rate of 5 pounds per 100 square feet and follow this four weeks later with one-half the same quantity. In early fall, apply Sheep Manure and follow this in late fall with Bonemeal at the rate of 5 pounds per 100 square feet.

Roses. To grow really fine Roses, apply Superphosphate in the spring at the rate of 5 pounds per 100 square feet of bed. Follow this monthly with a dressing of complete fertilizer such as 5–10–4 and in the fall use 5 pounds of Bonemeal per 100 square feet.

Azaleas and Rhododendrons. When planting, make a mixture of one bushel peat moss to every two bushels of soil. For Broad-leaved Evergreens, an ideal fertilizing medium is obtained by mixing 12 pounds of Cottonseed Meal, 5 pounds of Superphosphate, and 2 pounds of Aluminum Sulphate and apply the mixture at the rate of one-half pound per square yard.

Peonies. Use Superphosphate in early spring and Bonemeal in the fall. To increase the size of the flowers, use weekly when the buds are forming Ammonia Sulphate in liquid form at the rate of 1 ounce to 2 gallons of water, or Dried Blood at the rate of 1 to 2 ounces per plant.

Deciduous Plants and Trees. These being long-lived, they require systematic feeding in order to keep their beauty of form and of flowers. Use a complete fertilizer like 5–10–4 or 4–12–4.

Water-Lilies. When lifting the tubs in early spring, apply a mixture of one part of Dried Blood to one part of Raw Bonemeal.

SOILTEX. Test for acid soil. Tells how much lime your soil requires. Bottle $1.00

For quantities of Fertilizers over 1 ton, write for our special prices

Let us assist you in selecting the proper fertilizers for your needs

FERTILIZERS, continued

Charcoal. Sweetens and lightens sour and heavy soils; also used for mixing with potting soil. Three sizes: fine, medium, and lump.

1 lb.	$0 15	50 lbs.	$3 50
5 lbs.	50	100 lbs.	6 00

Leafmold. The finest grade of sifted Leafmold for potting and mixing with garden soil. Pk. 50 cts.; 2-bus. sack $2.50.

TRADE MARK G P M PEAT MOSS

Peat Moss. An ideal mulch for your shrubs, lawns, or borders, or for incorporating into the soil to improve the physical condition. Highly retentive of moisture so that plant-food that has been dissolved in the soil will be retained. Our bales are of the largest size and of the finest quality. 1 bale, delivered in city, $2.75; 5 bales, delivered in city, $12.50.

Moss, Sheet, Natural Green. For decorating in the conservatory and use for hanging-baskets.

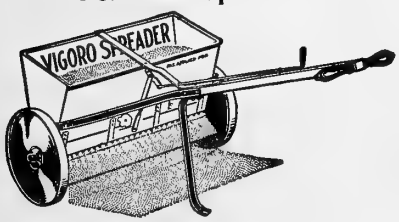
1 sq. yd.	$0 40
Large sack	2 00
Large crate	4 00

Moss, Sphagnum, Dry. Large bale $2.50.

Moss, Sphagnum, Live. For orchid-growing. Market price.

Peat, Fibrous. For orchid-growing. 2-bus. sack $3.50.

Fertilizer Spreaders



Eliminates the messiness and waste of applying fertilizer and plant-food by hand. When used as a seed-distributor, the uncertainty of hand-seeding is eliminated.

Model	Width of spread	Capacity of hopper	Price
Small	16 in.	13 lbs.	$1 50
Junior	16 in.	35 lbs.	5 75
Standard	24 in.	65 lbs.	10 50
Special	36 in.	100 lbs.	17 25

NOD-O-GEN INOCULATION

For All Legume Crops:

For small seeds, such as Clovers: Alfalfa, Alsike, Medium Red, Mammoth, White Sweet, etc. ½-bus. size 35 cts.; bus. size 65 cts.; 2½-bus. size $1.25.

For large seeds, such as Garden and Field Beans, Garden and Field Peas, Vetch, etc. 1-bus. size 35 cts.; 2-bus. size 65 cts.; 5-bus. size $1.25.

Special garden size for Beans, Peas, and Sweet Peas, 25 cts.

Always specify the kind of Legume Crop you wish to inoculate

VIGORO

Complete plant food

Hundreds of our customers using Vigoro expect, and get, excellent results from its use—lawns that are thick with grass—flowers that flame in their beauty. Their plant-food directly helps them overcome the troubles you may be having with your lawn and garden.

Vigoro works a seeming magic on growing things because it supplies all the elements they need from the soil . . . supplies them in balanced proportions. It is the square meal for all plants.

Vigoro contains plant-food in a form that plants can readily take up and put into use. You can be sure that, no matter what your grass or flowers or shrubs may need, they will get it from Vigoro.

1-lb. pkg.	$0 10	25-lb. bag	$1 50
5-lb. pkg.	45	50-lb. bag	2 50
10-lb. pkg.	85	100-lb. bag	4 00
500 lbs.	$17 50		

Prices include delivery on 100-lb. quantity or over.

Wizard Sheep Manure is absolutely weedless and performs at one time the two jobs of safely feeding the plants and building up the physical condition of the soil, thus insuring strong, vigorous root-growth. Use at the rate of 100 pounds to 1000 square feet.

5 lbs.	$0 30	100 lbs.	$3 00
10 lbs.	50	500 lbs.	12 00
25 lbs.	1 00	1000 lbs.	22 00
50 lbs.	1 75	2000 lbs.	42 00

Prices include delivery on 100-lb. quantity or over.

The Original Legume Inoculator
NORRE-HILTNER PROCESS
NITRAGIN
Restores and Maintains Soil Fertility

INOCULATOR PRICES

When Ordering, Always Specify Name of Seed

Alfalfa, all Clovers

Size	Retail
½ bu. ea.	$ .35
1 bu. ea.	.55
2½ bu. ea.	1.20

Vetch, Austrian Peas, Canadian Peas, Beans

Size	Retail
½ bu. ea.	$ .30
1 bu. ea.	.45
*1½ bu. ea.	.65
5 bu. ea.	1.85
*12½ bu. ea.	4.25

*"100 lb. size." Packed only for Vetch and Peas.

LESPEDEZA Unhulled or Hulled

Size	Retail
1 bu. ea.	$ .35
2 bu. ea.	.55
5 bu. ea.	1.20

Peanuts, Soy Beans, Cow Peas, Lima Beans

Size	Retail
1 bu. ea.	$ .35
2 bu. ea.	.55
5 bu. ea.	1.20
10 bu. ea.	1.75
*25 bu. ea.	3.75

*"25 bu. size." Packed only for Soy Beans, Cow Peas.

New Garden Size NITRAGIN for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines

Each package will inoculate any amount up to 4 lbs. seed.

Retail Price ..... $.10 ea.

Horticultural Books

All Books sent postpaid at prices quoted

Annuals, The Book of (Hottes). A reliable guide to the culture of annual flowers. Over 100 species are described with full directions for their culture and use. $1.50.

Bulbs, The Book of (Rockwell). Practical ideas galore are contained in the many illustrations which show bulbs actually growing in the garden. $2.00.

Commercial Floriculture (Bahr). A practical manual based on the author's experience of a half century. Covers a general review of the florist business. 300 illustrations. $5.00.

Evergreens for the Small Place (Rockwell). Tells the uses, details of planting, and general care of Evergreens for the home grounds. 84 pages; 67 illustrations. $1.25.

Fertilizers for Greenhouse and Garden Crops (Laurie). Deals with the fundamental factors of plant-growth. 156 pages; 22 illustrations. $2.00.

Garden Flowers in Color. One of the best gardener's handbooks. With beautiful colored illustrations, descriptions and cultural hints. $1.98.

Garden Note Book (Putz). Covers a fund of material for a full garden year, both indoors and out. We highly recommend this work to the garden lover. $1.50.

Landscape Gardening (Gridland). Of particular value to the owner of the moderate-sized suburban home. Nicely illustrated. $2.50.

Lawns (Rockwell). Tells in detail just how to lay out the lawn, grade, fertilize, plant, care for after planting, control weeds and pests, and remake and repair old lawns. 87 pages; illustrated. $1.25.

1001 Garden Questions Answered (Hottes). A wealth of information covering the flower, vegetable, and fruit garden arranged in the form of questions and answers. $2.00.

Plant Propagation (Hottes). How to increase plants by seeds, cuttings, divisions, and grafting fully explained. 236 pages; 150 illustrations. $2.00.

Perennials, The Book of (Hottes). A veritable storehouse of information about the ever-popular flowers which come up year after year—the perennials. $2.00.

Rock-Gardens (Rockwell). Brief, clear descriptions and numerous drawings show just how you can construct a rock-garden on a large or small scale. $1.25.

Roses of the World in Color. Not only the most beautiful of all Rose-books but the most important to the gardener of today, as it shows all the important roses in color, describes them, and gives cultural instructions. $3.75.

FOR YOUR DOG

Food is the most important of the factors upon which health depends. Every cell, tissue and organ—every gland and every membrane—must be properly and sufficiently nourished if health is to be maintained, disease resisted and the dog developed according to its breeding.

Proteins, fats, carbohydrates, minerals, vitamins—all these a dog must have in adequate portions as determined best by biological tests. Gaines Dog Foods have undergone these revealing tests, and come to you as nearly balanced—as nearly complete—as human skill and modern science can make them.

Gaines Food has all five vitamins—A, D, G, B, and E

Why not try a package of this wonderful food and watch your dog get full of pep and health? You can always get it fresh at Beckert's. Comes in two forms, Meal and Cubes.

GAINES MILK AND MEAT MEAL

1 lb.	$0 10
5 lbs.	45
10 lbs.	85
25 lbs.	2 00
50 lbs.	3 50
100 lbs.	6 50

GAINES MILK AND MEAT KRUNCHONS

1 lb.	$0 15
5 lbs.	55
10 lbs.	1 00
25 lbs.	2 25
50 lbs.	4 00
100 lbs.	7 50

CHAMPION DOG FOODS

Champion Dog Food is made from lean, fresh beef, grains and cereals, pure cod-liver oil and building minerals. Comes in two forms, biscuit and kibbled.

CHAMPION BISCUITS

1 lb.	$0 15
5 lbs.	65
10 lbs.	1 25
25 lbs.	3 00
50 lbs.	5 50
100 lbs.	10 00

CHAMPION KIBBLED

1 lb.	$0 15
5 lbs.	65
10 lbs.	1 25
25 lbs.	3 00
50 lbs.	5 50
100 lbs.	10 00

SPRATTS DOG FOODS

Spratts is one of the oldest and one of the best dog-food manufacturers in the world.

PLAIN OVALS

For Toy Dogs

1 lb.	$0 20
5 lbs.	75
25 lbs.	3 35

CHARCOAL OVALS

For All Dogs

1 lb.	$0 20
5 lbs.	75
25 lbs.	3 35

CANNED DOG FOOD

VITA GAINES

Reindeer Meat

1 can	$0 15
2 cans	25
1 doz. cans	1 45
Case (48 cans)	5 75

EVEREDY

Horse Meat or Beef

1 can	$0 10
3 cans	25
1 doz. cans	1 00
Case (48 cans)	3 50

RED HEART

A, B, or C Diets

1 can	$0 10
3 cans	29
1 doz. cans	$1 15
1 case (48 cans)	4 25

Bird Feeds and Supplies

	Lb.
Canary. Mixed	$0 18
Canary. Special mixture	20
Canary. Triple cleaned	18
Rape, Sweet	15
Millet, Common	10
Millet, Red	10
Millet, White or **Pearl**	20
Lettuce	25
Poppy or **Maw**	$0 25
Thistle, Black	25
Sunflower Seeds	15
Hemp	10
Cuttle Bone. Loose	75
Cuttle Bone. With wire fastener...Each 10c.	
Gravel. 5 lbs. 15 cts.	

For the Kennel

Keep Your Dog's Bed Free of Fleas

USE

SUPERCEDAR KENNEL BEDDING

5-lb. bag	$0 45
50-lb. bag	2 25

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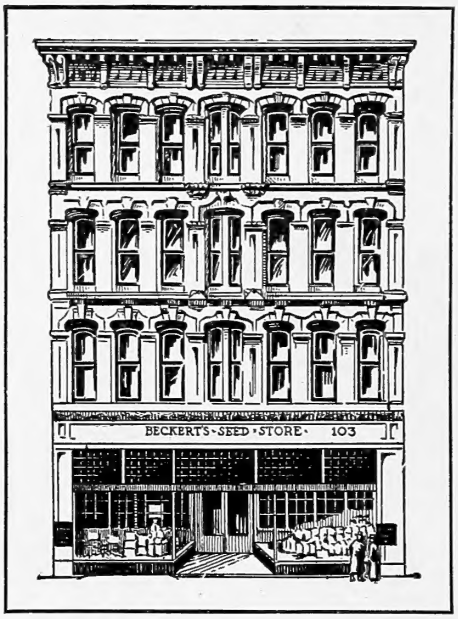

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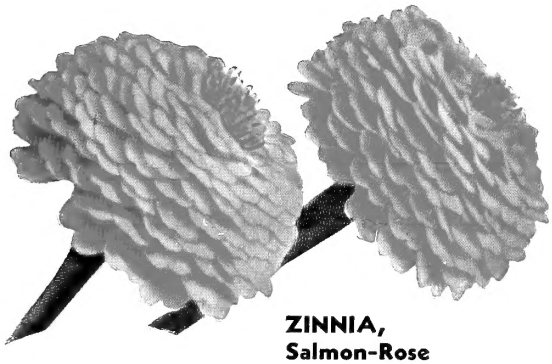

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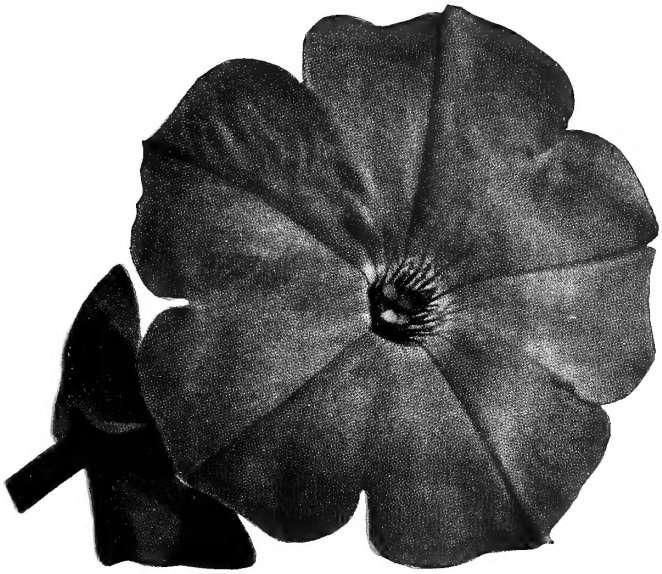

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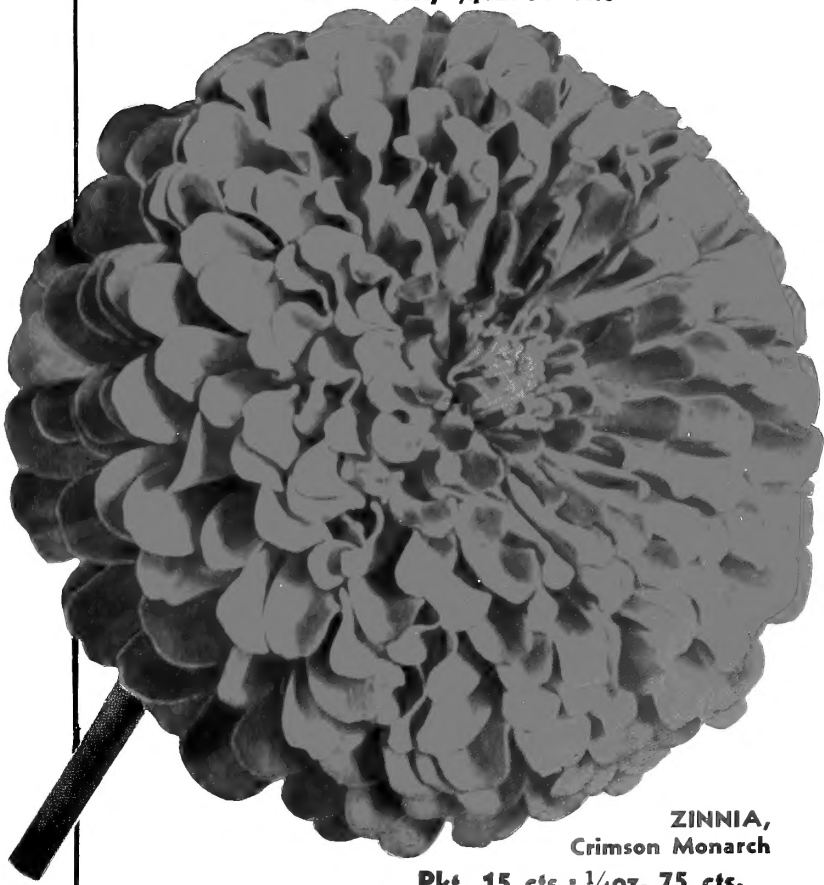

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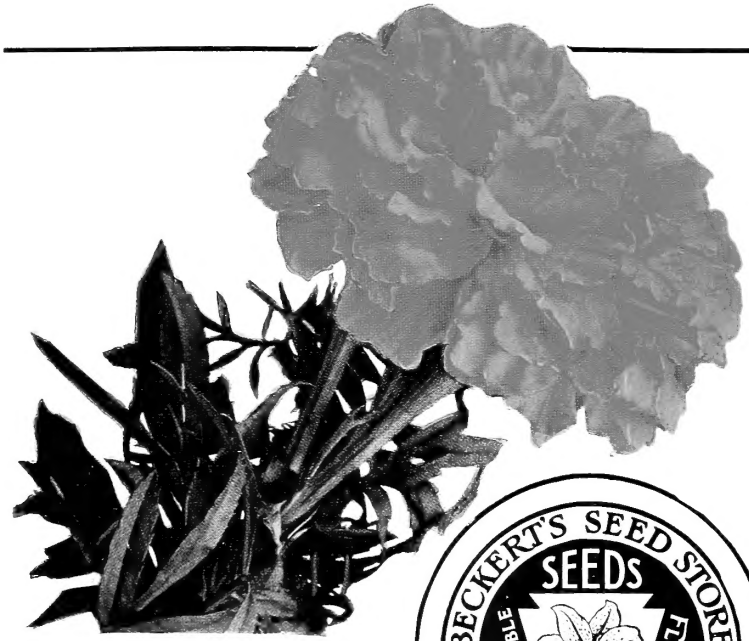

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